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Date: October 15, 2008

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
September 2008 Monthly Report**

This September 2008 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites. TSP monitoring was initiated at Opportunity on July 1 in order to measure the total airborne particulate levels, because it is suspected that much of the airborne particulate (particularly during the visible dust events occasionally reported by Opportunity residents) is larger than 10 microns in diameter. Collection of TSP also increases the feasibility of quantitatively analyzing the particulate monitor's sampling tape for trace metals.

Pyrex dishes are in place at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. The first set of filters has been submitted to a laboratory for total particulate and trace metals analysis. Additional sampling using dustfall jars will be implemented during October 2008.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from September 1st through September 30th, with 99.0% availability for TSP at the Opportunity location and 99.6% availability for PM10 at the Warm Springs location.
 - Downtime at the Opportunity location occurred on September 1 at 16:00 MST and on September 23 at 16:00 MST for monthly calibration checks and routine maintenance. Additional downtime occurred at Opportunity on September 1 from 07:00 MST through 11:00 MST because of a power outage.

- Downtime at the Warm Springs location occurred on September 1 at 15:00 MST and on September 23 from 14:00 MST through 15:00 MST for monthly calibration checks and routine maintenance.
- The hourly average data record for the month is attached. Current data is available for real-time electronic download on demand, and public viewing at <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 45 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for September was 16 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 543 $\mu\text{g}/\text{m}^3$. This value was associated with moderate southerly winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 17 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for September was 7 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 144 $\mu\text{g}/\text{m}^3$. This value was associated with moderate southerly winds, and occurred at the same time as the maximum hourly reading at Opportunity. This indicates a regional (versus local) particulate source. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, September 2008

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	45	9/20/2008	5.4	211
Daily 2nd Max	44	9/30/2008	3.7	228
Daily 3rd Max	29	9/19/2008	3.7	236
Daily 4th Max	25	9/18/2008	3.0	234
Hourly 1st Max	543	9/20/2008 17:00	12.5	183
Hourly 2nd Max	409	9/30/2008 13:00	5.8	26
Hourly 3rd Max	122	9/30/2008 14:00	6.0	20
Hourly 4th Max	117	9/20/2008 11:00	8.9	230

Table 2
Warm Springs Site PM10 Maximum Data, September 2008

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	17	9/20/2008	5.6	184
Daily 2nd Max	14	9/19/2008	2.9	122
Daily 3rd Max	13	9/18/2008	2.7	160
Daily 4th Max	12	9/17/2008	2.6	72
Hourly 1st Max	144	9/20/2008 17:00	10.1	166
Hourly 2nd Max	118	9/2/2008 13:00	5.1	186
Hourly 3rd Max	50	9/6/2008 6:00	1.1	317
Hourly 4th Max	38	9/5/2008 00:00	1.3	288

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was $75 \mu\text{g}/\text{m}^3$, while the 24-hour standard was $200 \mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for September at Opportunity were below those historical standards. Sampling at the Opportunity site was switched from PM10 to TSP on July 1 to obtain data on total airborne particulate. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- Daily average PM10 results for the month of September were well below the 24-hour Montana Ambient Air Quality Standard of $150 \mu\text{g}/\text{m}^3$ at the Warm Springs monitoring site. The average monthly concentration was below the annual PM10 standard of $50 \mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was below normal, based on the Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in September were from the southwest quadrant. Northerly and north-northeasterly winds were also somewhat common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were southerly and northerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
September 1, 2008	8	1.3	3.0	344	3.5	38.4	84
September 2, 2008	7	1.4	3.2	207	7.6	45.7	61
September 3, 2008	11	2.0	4.4	258	10.8	51.4	50
September 4, 2008	12	1.4	3.1	113	6.8	44.3	71
September 5, 2008	9	1.6	3.6	236	8.0	46.4	68
September 6, 2008	10	1.4	3.2	2	9.6	49.4	72
September 7, 2008	7	1.6	3.6	8	8.4	47.0	71
September 8, 2008	8	1.5	3.2	186	8.6	47.4	62
September 9, 2008	16	1.6	3.6	257	12.0	53.6	56
September 10, 2008	8	1.8	4.1	341	5.8	42.4	78
September 11, 2008	9	1.4	3.2	182	7.6	45.6	65
September 12, 2008	14	1.9	4.1	140	11.9	53.4	55
September 13, 2008	19	1.7	3.8	338	7.9	46.1	66
September 14, 2008	14	1.7	3.7	335	10.6	51.1	59
September 15, 2008	20	1.8	3.9	282	13.7	56.7	50
September 16, 2008	23	1.8	4.1	354	14.4	57.9	44
September 17, 2008	24	1.7	3.7	342	13.0	55.3	45
September 18, 2008	25	1.4	3.0	234	13.5	56.3	43
September 19, 2008	29	1.6	3.7	236	15.6	60.0	39
September 20, 2008	45	2.4	5.4	211	12.6	54.7	56
September 21, 2008	5	2.3	5.1	253	9.7	49.4	63
September 22, 2008	8	2.2	5.0	260	7.4	45.3	61
September 23, 2008	8	2.3	5.1	248	6.1	42.9	52
September 24, 2008	13	1.9	4.2	200	11.2	52.1	39
September 25, 2008	20	1.9	4.3	237	11.7	53.0	43
September 26, 2008	19	1.4	3.1	237	9.2	48.5	58
September 27, 2008	13	1.9	4.3	252	12.5	54.6	38
September 28, 2008	16	1.6	3.5	327	8.8	47.8	49
September 29, 2008	23	1.3	2.8	279	9.5	49.1	47
September 30, 2008	44	1.7	3.7	228	12.9	55.2	42

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
September 1, 2008	1	1.0	2.2	325	3.5	38.3	85
September 2, 2008	9	1.7	3.9	183	8.7	47.6	60
September 3, 2008	4	1.7	3.9	218	11.3	52.3	53
September 4, 2008	7	1.3	2.8	186	7.1	44.8	74
September 5, 2008	6	1.6	3.5	182	8.5	47.3	71
September 6, 2008	8	1.0	2.3	338	9.9	49.7	73
September 7, 2008	6	1.4	3.1	0	9.3	48.8	71
September 8, 2008	5	1.3	2.9	166	9.7	49.4	63
September 9, 2008	9	1.1	2.4	350	11.6	52.9	64
September 10, 2008	5	1.3	2.8	356	6.1	42.9	81
September 11, 2008	3	1.3	3.0	159	8.2	46.7	68
September 12, 2008	4	1.3	2.9	112	12.0	53.6	61
September 13, 2008	5	1.4	3.1	0	8.2	46.8	70
September 14, 2008	7	1.3	3.0	80	11.0	51.8	62
September 15, 2008	6	1.3	3.0	104	13.9	57.0	53
September 16, 2008	10	1.3	2.9	7	14.1	57.3	46
September 17, 2008	12	1.2	2.6	72	13.6	56.5	46
September 18, 2008	13	1.2	2.7	160	14.2	57.6	45
September 19, 2008	14	1.3	2.9	122	15.5	59.8	43
September 20, 2008	17	2.5	5.6	184	13.5	56.2	56
September 21, 2008	2	2.3	5.2	222	10.0	49.9	68
September 22, 2008	1	2.2	4.9	232	7.7	45.8	63
September 23, 2008	3	1.8	4.1	219	6.6	43.9	53
September 24, 2008	3	1.8	4.1	188	10.6	51.0	46
September 25, 2008	7	1.5	3.3	271	10.7	51.3	51
September 26, 2008	12	1.1	2.5	128	9.7	49.4	61
September 27, 2008	7	2.1	4.7	249	12.1	53.8	43
September 28, 2008	9	1.2	2.8	39	9.3	48.8	55
September 29, 2008	11	1.1	2.5	153	10.4	50.8	47
September 30, 2008	11	1.3	2.9	127	12.9	55.2	45

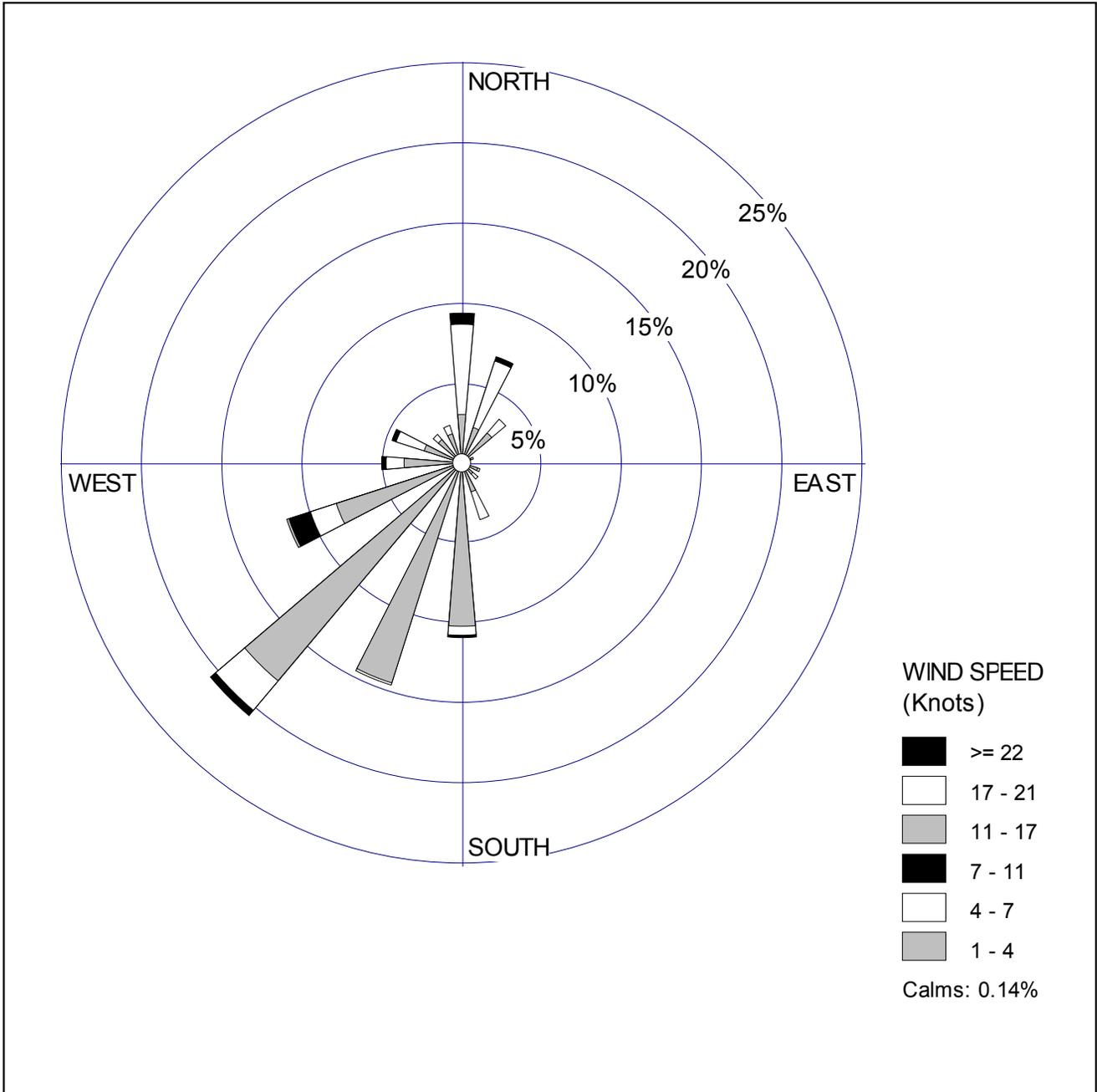


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site September 2008.

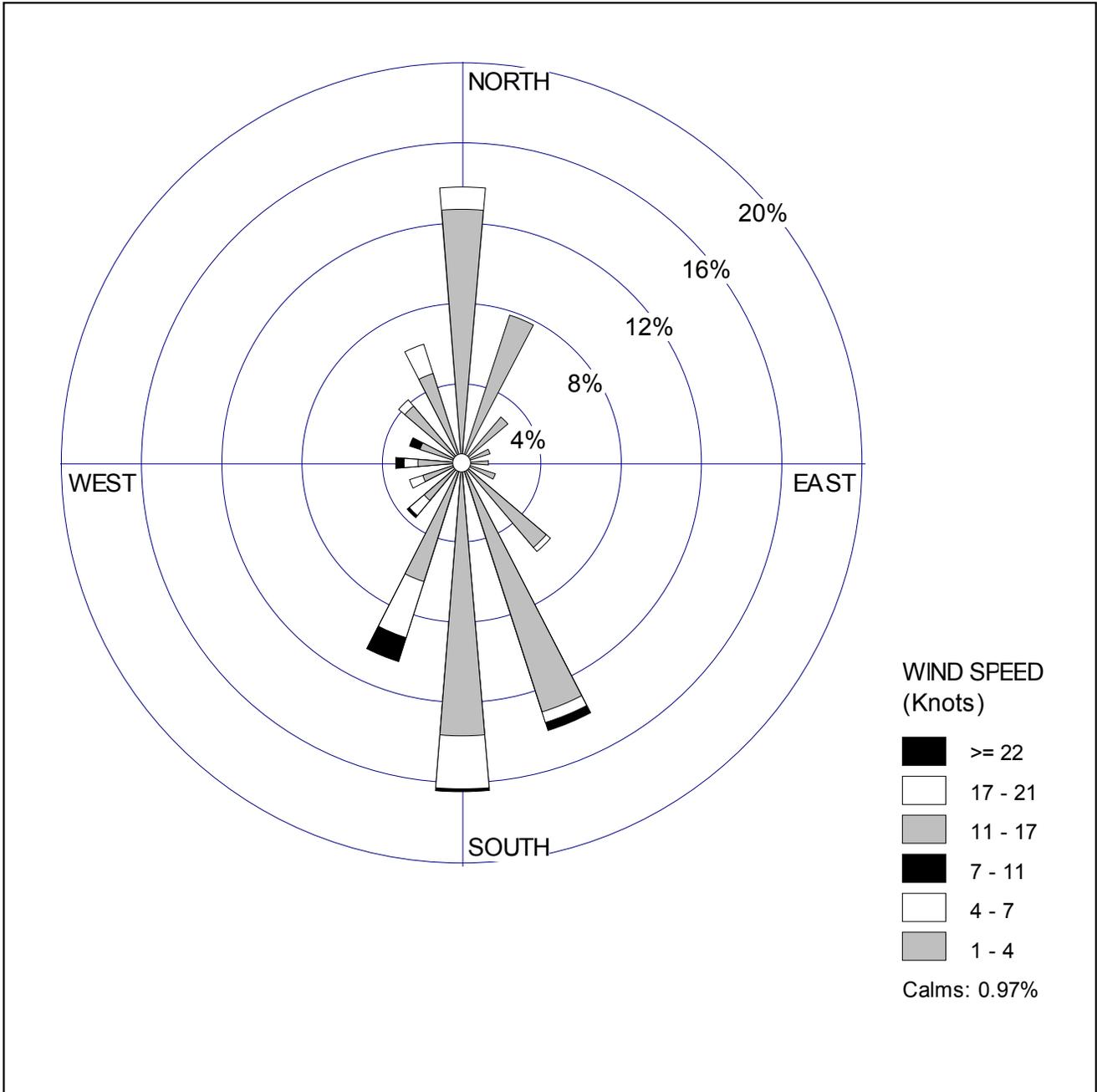


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site September 2008.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
September 2008

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/1/2008 1:00	16	2.7	6.0	7	2.7	36.9	89
9/1/2008 2:00	6	2.2	4.9	15	1.5	34.7	90
9/1/2008 3:00	20	0.9	2.0	332	0.2	32.4	91
9/1/2008 4:00	5	0.5	1.1	271	-0.4	31.3	91
9/1/2008 5:00	16	0.4	0.9	287	-0.5	31.1	91
9/1/2008 6:00	17	0.5	1.1	308	-0.3	31.5	91
9/1/2008 7:00	AV	AV	AV	AV	AV	AV	AV
9/1/2008 8:00	AV	AV	AV	AV	AV	AV	AV
9/1/2008 9:00	AV	AV	AV	AV	AV	AV	AV
9/1/2008 10:00	AV	AV	AV	AV	AV	AV	AV
9/1/2008 11:00	AV	AV	AV	AV	AV	AV	AV
9/1/2008 12:00	16	1.1	2.5	118	4.3	39.7	81
9/1/2008 13:00	18	1.3	2.9	352	4.7	40.5	81
9/1/2008 14:00	-5	1.7	3.8	354	5.3	41.5	80
9/1/2008 15:00	1	1.7	3.8	352	5.7	42.3	79
9/1/2008 16:00	BA	1.9	4.3	23	6.2	43.2	79
9/1/2008 17:00	2	1.6	3.6	39	6.4	43.5	77
9/1/2008 18:00	-4	1.2	2.7	52	6.6	43.9	75
9/1/2008 19:00	6	1.7	3.8	300	5.1	41.2	83
9/1/2008 20:00	10	1.9	4.3	263	4.0	39.2	84
9/1/2008 21:00	5	1.6	3.6	256	4.3	39.7	82
9/1/2008 22:00	1	1.1	2.5	196	4.0	39.2	84
9/1/2008 23:00	6	0.7	1.6	217	3.7	38.7	87
9/2/2008 0:00	8	0.7	1.6	186	3.7	38.7	87
9/2/2008 1:00	6	0.7	1.6	172	2.4	36.3	89
9/2/2008 2:00	2	1.2	2.7	172	1.9	35.4	87
9/2/2008 3:00	8	1.1	2.5	201	2.2	36.0	84
9/2/2008 4:00	15	1.3	2.9	195	1.8	35.2	86
9/2/2008 5:00	10	1.1	2.5	190	1.9	35.4	84
9/2/2008 6:00	4	1.1	2.5	191	1.2	34.2	85
9/2/2008 7:00	16	1.2	2.7	184	1.9	35.4	80
9/2/2008 8:00	0	1.5	3.4	191	4.3	39.7	72
9/2/2008 9:00	-3	2.1	4.7	165	7.3	45.1	63
9/2/2008 10:00	15	2.0	4.5	177	9.5	49.1	54
9/2/2008 11:00	14	2.3	5.1	232	10.7	51.3	44
9/2/2008 12:00	9	2.0	4.5	201	12.3	54.1	35
9/2/2008 13:00	6	2.1	4.7	229	13.2	55.8	31
9/2/2008 14:00	2	1.9	4.3	225	13.9	57.0	28
9/2/2008 15:00	2	1.8	4.0	207	15.2	59.4	27
9/2/2008 16:00	10	1.9	4.3	239	15.6	60.1	24
9/2/2008 17:00	3	2.1	4.7	5	15.1	59.2	27
9/2/2008 18:00	3	1.7	3.8	34	14.5	58.1	31
9/2/2008 19:00	10	0.8	1.8	244	11.1	52.0	50
9/2/2008 20:00	11	0.9	2.0	237	7.8	46.0	68
9/2/2008 21:00	8	0.7	1.6	245	6.0	42.8	78
9/2/2008 22:00	11	0.7	1.6	224	4.6	40.3	80
9/2/2008 23:00	6	0.9	2.0	217	4.0	39.2	76
9/3/2008 0:00	7	0.8	1.8	210	4.4	39.9	74
9/3/2008 1:00	8	1.0	2.2	198	3.6	38.5	79
9/3/2008 2:00	7	0.9	2.0	182	4.2	39.6	77
9/3/2008 3:00	-1	1.5	3.4	203	5.3	41.5	73
9/3/2008 4:00	5	1.8	4.0	162	6.3	43.3	68
9/3/2008 5:00	5	1.5	3.4	175	6.9	44.4	66
9/3/2008 6:00	9	1.6	3.6	178	7.8	46.0	60
9/3/2008 7:00	5	1.0	2.2	183	7.6	45.7	60
9/3/2008 8:00	2	1.1	2.5	197	8.5	47.3	59
9/3/2008 9:00	8	1.5	3.4	194	11.3	52.3	49
9/3/2008 10:00	13	1.8	4.0	216	13.6	56.5	40
9/3/2008 11:00	26	2.9	6.5	242	14.7	58.5	34
9/3/2008 12:00	10	4.1	9.2	279	16.3	61.3	28
9/3/2008 13:00	-3	2.9	6.5	17	15.7	60.3	34
9/3/2008 14:00	29	2.9	6.5	12	16.5	61.7	32
9/3/2008 15:00	14	2.4	5.4	31	16.1	61.0	33
9/3/2008 16:00	18	2.5	5.6	331	16.8	62.2	28
9/3/2008 17:00	21	3.0	6.7	291	17.8	64.0	24
9/3/2008 18:00	15	2.7	6.0	288	16.1	61.0	27
9/3/2008 19:00	12	2.3	5.1	286	14.7	58.5	31
9/3/2008 20:00	19	1.6	3.6	265	11.5	52.7	43
9/3/2008 21:00	5	2.2	4.9	252	9.6	49.3	51
9/3/2008 22:00	13	1.7	3.8	238	8.0	46.4	57
9/3/2008 23:00	6	0.7	1.6	239	5.1	41.2	69
9/4/2008 0:00	9	1.5	3.4	217	5.2	41.4	67
9/4/2008 1:00	13	0.9	2.0	184	5.4	41.7	66
9/4/2008 2:00	7	1.1	2.5	183	3.2	37.8	73
9/4/2008 3:00	6	1.4	3.1	192	3.9	39.0	69
9/4/2008 4:00	9	0.9	2.0	194	4.2	39.6	69
9/4/2008 5:00	3	0.8	1.8	223	4.1	39.4	71
9/4/2008 6:00	13	0.6	1.3	220	3.7	38.7	75
9/4/2008 7:00	12	1.0	2.2	161	4.3	39.7	75
9/4/2008 8:00	3	1.2	2.7	179	5.8	42.4	71
9/4/2008 9:00	14	1.0	2.2	122	7.5	45.5	64
9/4/2008 10:00	23	0.9	2.0	37	9.5	49.1	56
9/4/2008 11:00	25	1.9	4.3	34	9.7	49.5	59
9/4/2008 12:00	10	1.9	4.3	36	10.9	51.6	52
9/4/2008 13:00	11	3.2	7.2	4	10.0	50.0	63
9/4/2008 14:00	12	1.6	3.6	62	8.8	47.8	73
9/4/2008 15:00	5	1.9	4.3	79	8.1	46.6	78
9/4/2008 16:00	2	1.5	3.4	171	10.4	50.7	63
9/4/2008 17:00	2	2.2	4.9	150	12.4	54.3	54

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/4/2008 18:00	17	3.4	7.6	27	9.6	49.3	66
9/4/2008 19:00	58	1.7	3.8	275	7.6	45.7	80
9/4/2008 20:00	7	1.0	2.2	131	6.6	43.9	83
9/4/2008 21:00	4	0.8	1.8	229	5.9	42.6	85
9/4/2008 22:00	10	0.6	1.3	198	4.8	40.6	88
9/4/2008 23:00	7	0.8	1.8	241	3.4	38.1	89
9/5/2008 0:00	11	0.6	1.3	234	3.7	38.7	87
9/5/2008 1:00	2	0.6	1.3	122	2.5	36.5	89
9/5/2008 2:00	14	0.7	1.6	185	2.5	36.5	88
9/5/2008 3:00	5	1.2	2.7	206	2.8	37.0	85
9/5/2008 4:00	6	1.5	3.4	193	3.7	38.7	83
9/5/2008 5:00	-4	1.4	3.1	203	3.1	37.6	83
9/5/2008 6:00	6	1.6	3.6	186	3.5	38.3	82
9/5/2008 7:00	9	1.5	3.4	198	3.4	38.1	82
9/5/2008 8:00	2	1.8	4.0	183	5.3	41.5	74
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9/5/2008 11:00	11	1.9	4.3	206	12.6	54.7	48
9/5/2008 12:00	7	1.6	3.6	180	14.2	57.6	39
9/5/2008 13:00	11	1.9	4.3	263	13.7	56.7	39
9/5/2008 14:00	9	1.9	4.3	339	13.0	55.4	45
9/5/2008 15:00	40	2.6	5.8	353	13.0	55.4	47
9/5/2008 16:00	6	2.4	5.4	343	12.3	54.1	51
9/5/2008 17:00	13	2.6	5.8	303	11.0	51.8	56
9/5/2008 18:00	6	2.3	5.1	328	10.0	50.0	61
9/5/2008 19:00	7	1.5	3.4	312	9.3	48.7	66
9/5/2008 20:00	17	1.5	3.4	312	8.5	47.3	72
9/5/2008 21:00	6	1.0	2.2	249	7.7	45.9	79
9/5/2008 22:00	7	0.8	1.8	162	7.1	44.8	82
9/5/2008 23:00	4	0.9	2.0	187	7.3	45.1	81
9/6/2008 0:00	5	0.9	2.0	182	7.2	45.0	80
9/6/2008 1:00	10	0.9	2.0	212	7.4	45.3	79
9/6/2008 2:00	12	1.3	2.9	206	7.4	45.3	79
9/6/2008 3:00	14	1.2	2.7	165	6.6	43.9	80
9/6/2008 4:00	15	0.8	1.8	272	6.3	43.3	84
9/6/2008 5:00	11	0.8	1.8	277	5.4	41.7	88
9/6/2008 6:00	13	0.8	1.8	213	4.7	40.5	90
9/6/2008 7:00	14	0.9	2.0	345	4.8	40.6	91
9/6/2008 8:00	8	0.9	2.0	326	5.9	42.6	88
9/6/2008 9:00	-3	1.1	2.5	275	6.7	44.1	87
9/6/2008 10:00	-1	0.9	2.0	153	9.1	48.4	75
9/6/2008 11:00	14	1.9	4.3	47	11.1	52.0	67
9/6/2008 12:00	6	2.2	4.9	41	12.5	54.5	59
9/6/2008 13:00	7	2.6	5.8	21	14.2	57.6	52
9/6/2008 14:00	20	2.0	4.5	26	14.9	58.8	46
9/6/2008 15:00	7	1.8	4.0	22	15.1	59.2	45
9/6/2008 16:00	12	2.3	5.1	20	15.2	59.4	45
9/6/2008 17:00	9	1.9	4.3	6	14.6	58.3	47
9/6/2008 18:00	13	1.3	2.9	9	14.2	57.6	49
9/6/2008 19:00	19	2.6	5.8	27	12.9	55.2	65
9/6/2008 20:00	17	1.4	3.1	291	10.2	50.4	72
9/6/2008 21:00	10	1.0	2.2	2	9.2	48.6	76
9/6/2008 22:00	9	1.2	2.7	312	8.1	46.6	82
9/6/2008 23:00	4	1.4	3.1	260	7.7	45.9	84
9/7/2008 0:00	11	0.7	1.6	66	7.3	45.1	86
9/7/2008 1:00	6	0.6	1.3	292	6.5	43.7	89
9/7/2008 2:00	2	1.5	3.4	343	6.0	42.8	89
9/7/2008 3:00	19	2.6	5.8	6	6.4	43.5	86
9/7/2008 4:00	7	1.2	2.7	338	6.1	43.0	86
9/7/2008 5:00	7	1.2	2.7	20	5.9	42.6	86
9/7/2008 6:00	5	1.4	3.1	10	5.8	42.4	85
9/7/2008 7:00	-2	0.8	1.8	345	5.8	42.4	84
9/7/2008 8:00	8	1.6	3.6	10	6.2	43.2	83
9/7/2008 9:00	2	2.8	6.3	15	6.7	44.1	82
9/7/2008 10:00	-5	3.1	6.9	359	7.5	45.5	76
9/7/2008 11:00	18	2.9	6.5	353	8.7	47.7	69
9/7/2008 12:00	-3	2.0	4.5	8	10.3	50.5	60
9/7/2008 13:00	2	2.3	5.1	359	11.4	52.5	56
9/7/2008 14:00	7	2.5	5.6	27	12.4	54.3	51
9/7/2008 15:00	1	1.8	4.0	122	12.5	54.5	51
9/7/2008 16:00	10	2.0	4.5	21	13.5	56.3	44
9/7/2008 17:00	-2	1.8	4.0	89	12.9	55.2	48
9/7/2008 18:00	9	1.0	2.2	169	11.6	52.9	55
9/7/2008 19:00	15	1.0	2.2	145	11.1	52.0	57
9/7/2008 20:00	7	0.9	2.0	190	9.9	49.8	62
9/7/2008 21:00	5	0.9	2.0	253	8.8	47.8	66
9/7/2008 22:00	9	1.0	2.2	244	7.1	44.8	72
9/7/2008 23:00	16	0.7	1.6	241	4.7	40.5	80
9/8/2008 0:00	14	0.8	1.8	203	2.7	36.9	87
9/8/2008 1:00	1	0.9	2.0	227	2.0	35.6	86
9/8/2008 2:00	10	0.5	1.1	225	0.2	32.4	87
9/8/2008 3:00	6	0.6	1.3	254	-1.1	30.0	89
9/8/2008 4:00	10	1.0	2.2	238	-1.2	29.8	90
9/8/2008 5:00	9	0.7	1.6	208	-1.4	29.5	90
9/8/2008 6:00	8	0.9	2.0	237	-1.9	28.6	89
9/8/2008 7:00	6	1.0	2.2	240	-0.8	30.6	87
9/8/2008 8:00	-1	1.3	2.9	218	3.6	38.5	72
9/8/2008 9:00	6	1.9	4.3	194	7.3	45.1	60
9/8/2008 10:00	12	3.0	6.7	147	10.8	51.4	51
9/8/2008 11:00	9	2.9	6.5	136	13.3	55.9	43
9/8/2008 12:00	6	2.2	4.9	120	14.9	58.8	37
9/8/2008 13:00	10	1.7	3.8	116	16.9	62.4	30
9/8/2008 14:00	-3	1.5	3.4	61	18.4	65.1	26
9/8/2008 15:00	9	1.3	2.9	323	19.7	67.5	21

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/8/2008 16:00	12	2.0	4.5	3	19.9	67.8	24
9/8/2008 17:00	10	2.5	5.6	18	19.4	66.9	28
9/8/2008 18:00	8	2.5	5.6	14	17.3	63.1	38
9/8/2008 19:00	19	1.3	2.9	341	14.6	58.3	50
9/8/2008 20:00	7	1.4	3.1	243	9.9	49.8	70
9/8/2008 21:00	18	0.8	1.8	191	7.6	45.7	78
9/8/2008 22:00	7	1.0	2.2	229	6.8	44.2	76
9/8/2008 23:00	10	1.0	2.2	233	5.0	41.0	80
9/9/2008 0:00	13	0.9	2.0	231	4.0	39.2	83
9/9/2008 1:00	5	1.1	2.5	239	3.6	38.5	82
9/9/2008 2:00	6	0.9	2.0	212	2.7	36.9	84
9/9/2008 3:00	9	1.2	2.7	220	3.8	38.8	79
9/9/2008 4:00	4	1.7	3.8	208	5.1	41.2	72
9/9/2008 5:00	12	1.3	2.9	216	4.6	40.3	73
9/9/2008 6:00	9	1.3	2.9	208	4.3	39.7	73
9/9/2008 7:00	10	1.9	4.3	207	5.2	41.4	68
9/9/2008 8:00	6	1.5	3.4	195	7.9	46.2	59
9/9/2008 9:00	17	2.1	4.7	172	11.9	53.4	48
9/9/2008 10:00	21	2.1	4.7	151	15.7	60.3	39
9/9/2008 11:00	19	1.6	3.6	242	19.3	66.7	30
9/9/2008 12:00	24	2.4	5.4	30	18.2	64.8	41
9/9/2008 13:00	12	3.1	6.9	22	17.2	63.0	43
9/9/2008 14:00	16	2.7	6.0	17	17.9	64.2	39
9/9/2008 15:00	17	1.5	3.4	296	19.4	66.9	34
9/9/2008 16:00	31	1.0	2.2	131	20.5	68.9	31
9/9/2008 17:00	28	2.4	5.4	359	19.6	67.3	36
9/9/2008 18:00	27	2.6	5.8	358	17.7	63.9	44
9/9/2008 19:00	17	1.7	3.8	300	15.9	60.6	51
9/9/2008 20:00	21	1.2	2.7	267	14.2	57.6	54
9/9/2008 21:00	13	1.3	2.9	266	13.3	55.9	58
9/9/2008 22:00	18	1.1	2.5	230	12.2	54.0	60
9/9/2008 23:00	13	0.6	1.3	257	9.7	49.5	71
9/10/2008 0:00	18	0.8	1.8	212	8.2	46.8	75
9/10/2008 1:00	7	1.2	2.7	233	7.6	45.7	70
9/10/2008 2:00	19	1.0	2.2	261	7.7	45.9	65
9/10/2008 3:00	15	0.7	1.6	249	4.2	39.6	82
9/10/2008 4:00	12	0.7	1.6	285	4.8	40.6	82
9/10/2008 5:00	19	0.9	2.0	262	4.2	39.6	84
9/10/2008 6:00	22	1.0	2.2	244	2.7	36.9	88
9/10/2008 7:00	8	0.9	2.0	262	2.8	37.0	87
9/10/2008 8:00	1	0.9	2.0	332	5.8	42.4	78
9/10/2008 9:00	20	1.5	3.4	314	6.1	43.0	79
9/10/2008 10:00	-5	1.5	3.4	319	5.6	42.1	84
9/10/2008 11:00	35	2.1	4.7	7	6.1	43.0	84
9/10/2008 12:00	4	2.1	4.7	13	6.8	44.2	79
9/10/2008 13:00	-5	3.3	7.4	360	7.1	44.8	79
9/10/2008 14:00	2	3.8	8.5	3	8.7	47.7	69
9/10/2008 15:00	-1	4.7	10.5	7	9.3	48.7	64
9/10/2008 16:00	7	4.7	10.5	11	8.6	47.5	64
9/10/2008 17:00	-4	4.0	8.9	9	8.4	47.1	67
9/10/2008 18:00	-3	2.4	5.4	349	7.8	46.0	69
9/10/2008 19:00	8	1.7	3.8	340	7.4	45.3	72
9/10/2008 20:00	5	1.3	2.9	301	6.4	43.5	74
9/10/2008 21:00	5	0.8	1.8	247	4.8	40.6	81
9/10/2008 22:00	13	0.7	1.6	217	2.8	37.0	88
9/10/2008 23:00	-5	0.7	1.6	210	1.6	34.9	89
9/11/2008 0:00	20	0.9	2.0	205	1.7	35.1	90
9/11/2008 1:00	11	1.0	2.2	218	0.9	33.6	89
9/11/2008 2:00	15	1.3	2.9	224	0.4	32.7	89
9/11/2008 3:00	-3	0.8	1.8	215	-0.7	30.7	88
9/11/2008 4:00	19	0.9	2.0	186	-0.8	30.6	89
9/11/2008 5:00	-3	1.0	2.2	231	-0.8	30.6	89
9/11/2008 6:00	4	1.2	2.7	174	0.5	32.9	85
9/11/2008 7:00	20	1.1	2.5	185	0.5	32.9	82
9/11/2008 8:00	-3	1.2	2.7	189	3.6	38.5	70
9/11/2008 9:00	13	1.8	4.0	151	6.1	43.0	64
9/11/2008 10:00	-2	1.6	3.6	172	8.3	46.9	56
9/11/2008 11:00	13	1.3	2.9	191	10.8	51.4	48
9/11/2008 12:00	8	1.3	2.9	119	12.8	55.0	42
9/11/2008 13:00	4	2.1	4.7	50	14.0	57.2	41
9/11/2008 14:00	7	2.3	5.1	46	15.2	59.4	39
9/11/2008 15:00	1	2.4	5.4	25	16.6	61.9	37
9/11/2008 16:00	5	2.3	5.1	10	17.1	62.8	35
9/11/2008 17:00	6	2.5	5.6	8	17.2	63.0	36
9/11/2008 18:00	15	2.1	4.7	349	16.3	61.3	38
9/11/2008 19:00	16	0.9	2.0	295	13.5	56.3	52
9/11/2008 20:00	30	0.9	2.0	243	8.8	47.8	72
9/11/2008 21:00	15	0.6	1.3	171	5.7	42.3	83
9/11/2008 22:00	4	0.9	2.0	216	5.9	42.6	79
9/11/2008 23:00	11	1.2	2.7	229	5.5	41.9	78
9/12/2008 0:00	7	1.1	2.5	222	4.0	39.2	82
9/12/2008 1:00	0	0.9	2.0	221	4.7	40.5	78
9/12/2008 2:00	3	1.0	2.2	210	5.1	41.2	76
9/12/2008 3:00	7	1.3	2.9	173	5.3	41.5	73
9/12/2008 4:00	1	1.4	3.1	203	4.4	39.9	74
9/12/2008 5:00	2	1.6	3.6	183	4.3	39.7	73
9/12/2008 6:00	13	1.5	3.4	182	3.3	37.9	75
9/12/2008 7:00	4	1.3	2.9	184	3.7	38.7	73
9/12/2008 8:00	10	1.9	4.3	175	6.7	44.1	61
9/12/2008 9:00	2	2.5	5.6	155	9.8	49.6	53
9/12/2008 10:00	56	2.6	5.8	161	13.3	55.9	43
9/12/2008 11:00	4	2.4	5.4	150	17.1	62.8	33
9/12/2008 12:00	17	2.3	5.1	68	19.0	66.2	30
9/12/2008 13:00	11	2.4	5.4	34	19.7	67.5	29

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/12/2008 14:00	12	2.6	5.8	8	20.9	69.6	30
9/12/2008 15:00	14	3.2	7.2	21	21.6	70.9	30
9/12/2008 16:00	8	3.4	7.6	5	21.8	71.2	30
9/12/2008 17:00	18	3.2	7.2	4	21.5	70.7	31
9/12/2008 18:00	8	2.2	4.9	7	20.5	68.9	36
9/12/2008 19:00	63	1.1	2.5	278	17.1	62.8	49
9/12/2008 20:00	16	1.1	2.5	236	12.4	54.3	64
9/12/2008 21:00	19	1.0	2.2	169	9.4	48.9	73
9/12/2008 22:00	15	1.3	2.9	207	9.3	48.7	68
9/12/2008 23:00	11	1.1	2.5	209	7.6	45.7	72
9/13/2008 0:00	13	1.1	2.5	234	6.8	44.2	73
9/13/2008 1:00	7	1.0	2.2	245	5.9	42.6	77
9/13/2008 2:00	9	1.1	2.5	198	5.8	42.4	75
9/13/2008 3:00	8	1.2	2.7	234	5.3	41.5	76
9/13/2008 4:00	2	1.1	2.5	216	4.3	39.7	78
9/13/2008 5:00	15	1.4	3.1	357	4.6	40.3	79
9/13/2008 6:00	-1	1.0	2.2	254	3.7	38.7	85
9/13/2008 7:00	20	1.1	2.5	247	3.6	38.5	86
9/13/2008 8:00	0	1.2	2.7	302	5.9	42.6	77
9/13/2008 9:00	16	3.1	6.9	2	7.5	45.5	67
9/13/2008 10:00	21	3.6	8.1	355	7.3	45.1	63
9/13/2008 11:00	8	3.3	7.4	357	7.9	46.2	59
9/13/2008 12:00	4	2.8	6.3	9	9.6	49.3	53
9/13/2008 13:00	23	2.2	4.9	4	11.6	52.9	47
9/13/2008 14:00	25	1.8	4.0	35	13.1	55.6	44
9/13/2008 15:00	92	2.1	4.7	11	14.5	58.1	42
9/13/2008 16:00	24	2.5	5.6	4	15.1	59.2	41
9/13/2008 17:00	16	2.4	5.4	5	15.2	59.4	40
9/13/2008 18:00	23	2.0	4.5	349	14.4	57.9	43
9/13/2008 19:00	21	0.9	2.0	283	11.8	53.2	54
9/13/2008 20:00	34	0.9	2.0	245	7.0	44.6	75
9/13/2008 21:00	17	0.9	2.0	197	4.9	40.8	80
9/13/2008 22:00	27	0.9	2.0	217	4.0	39.2	82
9/13/2008 23:00	19	1.1	2.5	245	3.4	38.1	82
9/14/2008 0:00	20	0.8	1.8	225	2.2	36.0	86
9/14/2008 1:00	7	1.3	2.9	246	1.9	35.4	84
9/14/2008 2:00	10	1.0	2.2	246	3.5	38.3	78
9/14/2008 3:00	6	1.1	2.5	215	4.1	39.4	76
9/14/2008 4:00	2	1.4	3.1	206	3.8	38.8	76
9/14/2008 5:00	9	1.3	2.9	205	2.8	37.0	80
9/14/2008 6:00	12	1.2	2.7	218	2.5	36.5	81
9/14/2008 7:00	-1	1.5	3.4	200	3.4	38.1	76
9/14/2008 8:00	10	1.5	3.4	169	6.2	43.2	66
9/14/2008 9:00	8	2.3	5.1	153	9.0	48.2	59
9/14/2008 10:00	12	1.9	4.3	146	12.4	54.3	49
9/14/2008 11:00	19	2.3	5.1	35	14.2	57.6	47
9/14/2008 12:00	12	2.3	5.1	36	15.9	60.6	42
9/14/2008 13:00	25	2.1	4.7	17	18.2	64.8	34
9/14/2008 14:00	16	2.7	6.0	9	19.8	67.6	31
9/14/2008 15:00	15	2.7	6.0	7	20.8	69.4	29
9/14/2008 16:00	48	2.9	6.5	9	21.1	70.0	26
9/14/2008 17:00	16	2.6	5.8	0	21.1	70.0	29
9/14/2008 18:00	17	1.8	4.0	340	20.2	68.4	32
9/14/2008 19:00	23	1.3	2.9	254	16.2	61.2	46
9/14/2008 20:00	14	1.2	2.7	353	11.2	52.2	64
9/14/2008 21:00	18	0.9	2.0	238	8.1	46.6	75
9/14/2008 22:00	4	0.8	1.8	227	7.6	45.7	73
9/14/2008 23:00	12	0.8	1.8	206	5.6	42.1	79
9/15/2008 0:00	13	0.8	1.8	201	5.1	41.2	77
9/15/2008 1:00	9	1.2	2.7	212	5.1	41.2	74
9/15/2008 2:00	11	1.0	2.2	233	3.7	38.7	78
9/15/2008 3:00	4	1.2	2.7	224	4.3	39.7	76
9/15/2008 4:00	0	1.3	2.9	211	5.6	42.1	70
9/15/2008 5:00	8	1.6	3.6	186	6.1	43.0	67
9/15/2008 6:00	22	1.3	2.9	204	5.5	41.9	69
9/15/2008 7:00	6	1.7	3.8	186	5.8	42.4	66
9/15/2008 8:00	35	1.4	3.1	216	7.9	46.2	59
9/15/2008 9:00	23	1.8	4.0	173	12.3	54.1	46
9/15/2008 10:00	40	1.9	4.3	172	16.3	61.3	37
9/15/2008 11:00	33	1.8	4.0	106	19.5	67.1	32
9/15/2008 12:00	27	2.0	4.5	51	21.0	69.8	32
9/15/2008 13:00	19	1.9	4.3	57	24.1	75.4	24
9/15/2008 14:00	25	3.0	6.7	34	25.8	78.4	21
9/15/2008 15:00	17	3.1	6.9	17	25.8	78.4	22
9/15/2008 16:00	30	3.2	7.2	12	25.9	78.6	20
9/15/2008 17:00	43	4.0	8.9	2	25.0	77.0	20
9/15/2008 18:00	12	2.5	5.6	349	23.2	73.8	25
9/15/2008 19:00	28	1.5	3.4	265	18.9	66.0	39
9/15/2008 20:00	23	1.6	3.6	233	14.6	58.3	50
9/15/2008 21:00	15	0.8	1.8	212	10.6	51.1	63
9/15/2008 22:00	16	0.7	1.6	227	9.0	48.2	66
9/15/2008 23:00	15	0.9	2.0	217	7.2	45.0	71
9/16/2008 0:00	11	0.9	2.0	213	6.5	43.7	71
9/16/2008 1:00	9	1.0	2.2	196	6.5	43.7	69
9/16/2008 2:00	8	1.3	2.9	198	6.7	44.1	65
9/16/2008 3:00	9	1.4	3.1	198	7.7	45.9	60
9/16/2008 4:00	10	1.5	3.4	180	7.4	45.3	59
9/16/2008 5:00	6	1.4	3.1	183	6.1	43.0	63
9/16/2008 6:00	12	1.8	4.0	181	7.4	45.3	58
9/16/2008 7:00	14	1.6	3.6	208	6.9	44.4	58
9/16/2008 8:00	10	1.0	2.2	195	9.1	48.4	51
9/16/2008 9:00	19	1.6	3.6	171	13.9	57.0	40
9/16/2008 10:00	76	1.6	3.6	165	17.4	63.3	30
9/16/2008 11:00	35	1.7	3.8	99	20.7	69.3	25

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/16/2008 12:00	28	2.5	5.6	47	22.0	71.6	27
9/16/2008 13:00	27	2.9	6.5	27	23.5	74.3	24
9/16/2008 14:00	32	3.4	7.6	20	25.0	77.0	18
9/16/2008 15:00	38	3.9	8.7	14	25.8	78.4	14
9/16/2008 16:00	20	3.5	7.8	3	25.8	78.4	13
9/16/2008 17:00	21	3.5	7.8	357	25.2	77.4	16
9/16/2008 18:00	20	1.9	4.3	337	23.5	74.3	22
9/16/2008 19:00	32	1.4	3.1	269	19.2	66.6	34
9/16/2008 20:00	25	0.9	2.0	203	12.9	55.2	52
9/16/2008 21:00	26	1.0	2.2	237	9.4	48.9	63
9/16/2008 22:00	22	1.0	2.2	226	9.1	48.4	60
9/16/2008 23:00	28	1.1	2.5	234	7.8	46.0	63
9/17/2008 0:00	19	0.9	2.0	235	6.1	43.0	69
9/17/2008 1:00	13	1.0	2.2	194	6.3	43.3	65
9/17/2008 2:00	19	1.1	2.5	217	5.7	42.3	65
9/17/2008 3:00	17	1.1	2.5	214	5.8	42.4	64
9/17/2008 4:00	5	0.8	1.8	208	4.5	40.1	70
9/17/2008 5:00	22	1.0	2.2	216	4.0	39.2	70
9/17/2008 6:00	25	0.8	1.8	225	2.3	36.1	78
9/17/2008 7:00	39	0.9	2.0	203	3.4	38.1	71
9/17/2008 8:00	38	1.4	3.1	178	7.3	45.1	58
9/17/2008 9:00	39	1.3	2.9	174	12.4	54.3	45
9/17/2008 10:00	23	1.2	2.7	132	16.6	61.9	33
9/17/2008 11:00	24	1.7	3.8	37	18.2	64.8	32
9/17/2008 12:00	35	2.7	6.0	21	20.0	68.0	32
9/17/2008 13:00	29	2.8	6.3	26	22.0	71.6	25
9/17/2008 14:00	30	3.0	6.7	11	23.6	74.5	20
9/17/2008 15:00	36	3.3	7.4	18	24.8	76.6	17
9/17/2008 16:00	33	3.7	8.3	12	25.0	77.0	18
9/17/2008 17:00	22	3.5	7.8	10	24.7	76.5	16
9/17/2008 18:00	10	1.6	3.6	314	23.1	73.6	14
9/17/2008 19:00	35	1.5	3.4	246	16.8	62.2	34
9/17/2008 20:00	31	1.4	3.1	253	13.3	55.9	40
9/17/2008 21:00	15	1.1	2.5	210	9.9	49.8	51
9/17/2008 22:00	22	1.0	2.2	207	8.2	46.8	54
9/17/2008 23:00	6	0.9	2.0	233	6.1	43.0	60
9/18/2008 0:00	18	1.1	2.5	215	7.3	45.1	55
9/18/2008 1:00	20	1.0	2.2	213	5.7	42.3	61
9/18/2008 2:00	9	1.0	2.2	227	4.0	39.2	68
9/18/2008 3:00	14	1.2	2.7	192	5.4	41.7	61
9/18/2008 4:00	11	1.2	2.7	221	4.7	40.5	63
9/18/2008 5:00	10	1.1	2.5	242	3.5	38.3	67
9/18/2008 6:00	28	0.8	1.8	209	1.6	34.9	75
9/18/2008 7:00	32	0.8	1.8	229	2.5	36.5	71
9/18/2008 8:00	33	1.2	2.7	195	6.4	43.5	57
9/18/2008 9:00	29	1.3	2.9	175	12.1	53.8	42
9/18/2008 10:00	25	1.5	3.4	176	16.4	61.5	31
9/18/2008 11:00	21	1.7	3.8	121	20.4	68.7	22
9/18/2008 12:00	26	1.1	2.5	219	23.4	74.1	17
9/18/2008 13:00	37	2.1	4.7	14	24.6	76.3	18
9/18/2008 14:00	41	2.0	4.5	30	25.7	78.3	18
9/18/2008 15:00	40	2.5	5.6	18	26.8	80.2	12
9/18/2008 16:00	29	2.6	5.8	24	26.7	80.1	10
9/18/2008 17:00	20	2.2	4.9	2	26.2	79.2	10
9/18/2008 18:00	21	1.2	2.7	312	23.5	74.3	19
9/18/2008 19:00	44	0.9	2.0	239	17.3	63.1	39
9/18/2008 20:00	31	1.1	2.5	230	12.7	54.9	48
9/18/2008 21:00	29	1.1	2.5	225	11.6	52.9	46
9/18/2008 22:00	16	0.9	2.0	212	7.9	46.2	59
9/18/2008 23:00	13	1.0	2.2	231	7.7	45.9	57
9/19/2008 0:00	10	1.0	2.2	208	7.0	44.6	57
9/19/2008 1:00	25	1.1	2.5	201	7.0	44.6	55
9/19/2008 2:00	12	1.6	3.6	239	8.1	46.6	49
9/19/2008 3:00	15	1.3	2.9	213	8.7	47.7	47
9/19/2008 4:00	7	1.2	2.7	222	8.9	48.0	46
9/19/2008 5:00	16	1.2	2.7	246	8.1	46.6	53
9/19/2008 6:00	19	1.5	3.4	203	8.2	46.8	49
9/19/2008 7:00	17	1.1	2.5	210	7.6	45.7	50
9/19/2008 8:00	28	1.5	3.4	192	11.1	52.0	41
9/19/2008 9:00	38	1.6	3.6	178	14.6	58.3	34
9/19/2008 10:00	71	1.4	3.1	191	18.2	64.8	28
9/19/2008 11:00	66	1.5	3.4	178	21.9	71.4	23
9/19/2008 12:00	39	2.0	4.5	55	23.1	73.6	25
9/19/2008 13:00	34	2.7	6.0	43	25.2	77.4	22
9/19/2008 14:00	50	2.4	5.4	270	26.8	80.2	18
9/19/2008 15:00	40	2.7	6.0	233	27.4	81.3	12
9/19/2008 16:00	14	2.2	4.9	238	27.0	80.6	11
9/19/2008 17:00	25	2.8	6.3	328	26.2	79.2	15
9/19/2008 18:00	31	2.9	6.5	12	23.7	74.7	25
9/19/2008 19:00	31	1.2	2.7	271	19.3	66.7	37
9/19/2008 20:00	27	1.5	3.4	247	15.3	59.5	43
9/19/2008 21:00	31	1.2	2.7	217	11.0	51.8	58
9/19/2008 22:00	19	0.8	1.8	234	9.0	48.2	63
9/19/2008 23:00	22	0.9	2.0	233	8.4	47.1	66
9/20/2008 0:00	11	1.1	2.5	235	8.4	47.1	65
9/20/2008 1:00	19	1.3	2.9	234	7.9	46.2	66
9/20/2008 2:00	16	1.1	2.5	233	8.0	46.4	63
9/20/2008 3:00	11	1.0	2.2	244	6.4	43.5	71
9/20/2008 4:00	10	0.8	1.8	232	6.6	43.9	66
9/20/2008 5:00	22	1.2	2.7	235	7.2	45.0	63
9/20/2008 6:00	26	1.1	2.5	234	4.6	40.3	73
9/20/2008 7:00	8	1.1	2.5	234	5.4	41.7	69
9/20/2008 8:00	11	0.8	1.8	234	8.4	47.1	63
9/20/2008 9:00	32	1.3	2.9	196	13.9	57.0	45

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/20/2008 10:00	91	2.5	5.6	178	16.8	62.2	37
9/20/2008 11:00	117	4.0	8.9	230	18.4	65.1	39
9/20/2008 12:00	32	3.6	8.1	232	19.7	67.5	37
9/20/2008 13:00	18	3.7	8.3	241	20.8	69.4	35
9/20/2008 14:00	27	2.7	6.0	167	20.0	68.0	36
9/20/2008 15:00	6	3.3	7.4	135	20.4	68.7	37
9/20/2008 16:00	17	3.4	7.6	135	20.6	69.1	39
9/20/2008 17:00	543	5.6	12.5	183	17.9	64.2	46
9/20/2008 18:00	53	7.2	16.1	242	12.7	54.9	59
9/20/2008 19:00	8	2.5	5.6	206	12.6	54.7	60
9/20/2008 20:00	4	2.5	5.6	237	12.4	54.3	60
9/20/2008 21:00	3	2.3	5.1	224	11.4	52.5	66
9/20/2008 22:00	-2	1.8	4.0	197	10.3	50.5	71
9/20/2008 23:00	-1	1.9	4.3	235	10.0	50.0	69
9/21/2008 0:00	4	1.4	3.1	180	10.0	50.0	68
9/21/2008 1:00	4	1.5	3.4	222	9.4	48.9	70
9/21/2008 2:00	9	1.8	4.0	233	8.6	47.5	74
9/21/2008 3:00	-1	1.9	4.3	167	8.4	47.1	71
9/21/2008 4:00	2	1.9	4.3	186	8.2	46.8	70
9/21/2008 5:00	7	1.4	3.1	185	8.4	47.1	70
9/21/2008 6:00	1	1.8	4.0	187	8.5	47.3	69
9/21/2008 7:00	6	1.9	4.3	180	8.1	46.6	71
9/21/2008 8:00	3	1.8	4.0	231	9.3	48.7	67
9/21/2008 9:00	-1	1.5	3.4	251	9.5	49.1	70
9/21/2008 10:00	1	2.6	5.8	234	10.2	50.4	65
9/21/2008 11:00	13	3.6	8.1	236	10.2	50.4	63
9/21/2008 12:00	0	3.9	8.7	238	10.7	51.3	61
9/21/2008 13:00	1	2.6	5.8	268	10.7	51.3	64
9/21/2008 14:00	-1	2.7	6.0	277	11.2	52.2	58
9/21/2008 15:00	15	1.7	3.8	281	12.4	54.3	50
9/21/2008 16:00	9	2.3	5.1	296	13.3	55.9	47
9/21/2008 17:00	6	2.5	5.6	302	12.9	55.2	49
9/21/2008 18:00	4	3.2	7.2	280	11.5	52.7	53
9/21/2008 19:00	4	3.2	7.2	282	10.4	50.7	57
9/21/2008 20:00	6	3.4	7.6	282	9.7	49.5	59
9/21/2008 21:00	12	2.8	6.3	274	8.8	47.8	61
9/21/2008 22:00	7	0.8	1.8	284	7.4	45.3	66
9/21/2008 23:00	7	2.7	6.0	281	7.3	45.1	65
9/22/2008 0:00	1	1.7	3.8	267	7.1	44.8	63
9/22/2008 1:00	7	1.1	2.5	222	5.3	41.5	70
9/22/2008 2:00	10	1.0	2.2	186	5.5	41.9	69
9/22/2008 3:00	-3	1.1	2.5	207	4.4	39.9	72
9/22/2008 4:00	3	1.2	2.7	179	5.8	42.4	67
9/22/2008 5:00	5	1.2	2.7	161	5.9	42.6	66
9/22/2008 6:00	11	1.0	2.2	177	5.7	42.3	68
9/22/2008 7:00	9	1.4	3.1	213	6.3	43.3	65
9/22/2008 8:00	8	2.6	5.8	229	7.4	45.3	61
9/22/2008 9:00	18	3.6	8.1	238	8.5	47.3	57
9/22/2008 10:00	2	4.5	10.1	252	9.0	48.2	57
9/22/2008 11:00	6	2.3	5.1	291	9.9	49.8	55
9/22/2008 12:00	11	2.2	4.9	323	10.5	50.9	50
9/22/2008 13:00	1	2.8	6.3	308	11.0	51.8	46
9/22/2008 14:00	2	3.6	8.1	281	11.3	52.3	45
9/22/2008 15:00	5	2.5	5.6	284	12.7	54.9	37
9/22/2008 16:00	12	2.3	5.1	238	14.0	57.2	31
9/22/2008 17:00	5	2.5	5.6	259	12.3	54.1	38
9/22/2008 18:00	37	3.0	6.7	246	11.7	53.1	39
9/22/2008 19:00	19	5.2	11.6	279	5.6	42.1	74
9/22/2008 20:00	13	2.9	6.5	308	3.4	38.1	81
9/22/2008 21:00	4	2.1	4.7	283	3.6	38.5	79
9/22/2008 22:00	2	0.9	2.0	282	3.0	37.4	82
9/22/2008 23:00	2	0.9	2.0	245	1.8	35.2	86
9/23/2008 0:00	-2	1.8	4.0	247	2.4	36.3	74
9/23/2008 1:00	4	1.2	2.7	234	1.9	35.4	74
9/23/2008 2:00	4	0.9	2.0	140	0.9	33.6	75
9/23/2008 3:00	-4	1.4	3.1	231	1.7	35.1	70
9/23/2008 4:00	11	1.5	3.4	236	2.3	36.1	65
9/23/2008 5:00	8	1.7	3.8	267	1.9	35.4	63
9/23/2008 6:00	11	4.0	8.9	249	2.0	35.6	61
9/23/2008 7:00	17	4.4	9.8	249	1.8	35.2	60
9/23/2008 8:00	7	4.1	9.2	244	2.7	36.9	56
9/23/2008 9:00	18	4.9	11.0	243	4.0	39.2	51
9/23/2008 10:00	12	5.2	11.6	244	5.5	41.9	47
9/23/2008 11:00	9	4.7	10.5	250	7.2	45.0	42
9/23/2008 12:00	3	3.4	7.6	245	9.1	48.4	35
9/23/2008 13:00	5	2.3	5.1	224	11.0	51.8	31
9/23/2008 14:00	11	2.1	4.7	274	12.1	53.8	30
9/23/2008 15:00	10	2.7	6.0	244	13.2	55.8	27
9/23/2008 16:00	BA	BA	BA	BA	13.8	56.8	25
9/23/2008 17:00	6	1.5	3.4	322	14.1	57.4	21
9/23/2008 18:00	12	0.9	2.0	331	13.1	55.6	26
9/23/2008 19:00	-1	1.1	2.5	284	7.6	45.7	52
9/23/2008 20:00	10	1.3	2.9	297	6.0	42.8	55
9/23/2008 21:00	14	0.9	2.0	219	4.5	40.1	63
9/23/2008 22:00	10	0.7	1.6	236	3.0	37.4	69
9/23/2008 23:00	7	0.9	2.0	234	3.2	37.8	68
9/24/2008 0:00	9	0.9	2.0	219	3.0	37.4	70
9/24/2008 1:00	-2	0.8	1.8	227	2.5	36.5	73
9/24/2008 2:00	3	0.8	1.8	230	2.4	36.3	70
9/24/2008 3:00	1	1.2	2.7	228	3.0	37.4	61
9/24/2008 4:00	6	1.1	2.5	220	2.9	37.2	57
9/24/2008 5:00	8	1.3	2.9	200	3.0	37.4	55
9/24/2008 6:00	7	1.3	2.9	196	2.8	37.0	55
9/24/2008 7:00	8	1.8	4.0	203	2.9	37.2	55

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/24/2008 8:00	19	1.6	3.6	167	5.2	41.4	48
9/24/2008 9:00	38	2.7	6.0	163	8.1	46.6	40
9/24/2008 10:00	9	2.4	5.4	174	10.5	50.9	36
9/24/2008 11:00	27	2.7	6.0	161	13.3	55.9	30
9/24/2008 12:00	25	2.8	6.3	156	15.4	59.7	25
9/24/2008 13:00	15	2.5	5.6	172	19.7	67.5	18
9/24/2008 14:00	16	2.9	6.5	220	21.8	71.2	15
9/24/2008 15:00	15	3.7	8.3	229	22.0	71.6	13
9/24/2008 16:00	26	2.9	6.5	230	22.3	72.1	15
9/24/2008 17:00	12	2.7	6.0	232	22.2	72.0	15
9/24/2008 18:00	17	1.2	2.7	217	20.2	68.4	20
9/24/2008 19:00	8	1.3	2.9	244	14.6	58.3	35
9/24/2008 20:00	4	1.4	3.1	175	12.2	54.0	39
9/24/2008 21:00	15	1.1	2.5	204	11.7	53.1	40
9/24/2008 22:00	8	1.4	3.1	222	9.4	48.9	46
9/24/2008 23:00	6	1.4	3.1	212	10.0	50.0	41
9/25/2008 0:00	15	1.7	3.8	183	9.7	49.5	40
9/25/2008 1:00	5	1.5	3.4	199	9.1	48.4	41
9/25/2008 2:00	10	1.4	3.1	203	8.9	48.0	42
9/25/2008 3:00	11	1.6	3.6	197	8.2	46.8	42
9/25/2008 4:00	8	1.5	3.4	201	7.7	45.9	43
9/25/2008 5:00	9	1.8	4.0	196	7.2	45.0	44
9/25/2008 6:00	12	1.8	4.0	196	6.9	44.4	45
9/25/2008 7:00	22	1.5	3.4	191	6.6	43.9	46
9/25/2008 8:00	23	0.8	1.8	47	6.1	43.0	54
9/25/2008 9:00	25	1.9	4.3	18	7.1	44.8	56
9/25/2008 10:00	17	2.1	4.7	5	9.4	48.9	52
9/25/2008 11:00	24	1.5	3.4	18	12.7	54.9	40
9/25/2008 12:00	27	1.3	2.9	77	16.4	61.5	32
9/25/2008 13:00	35	3.6	8.1	230	19.1	66.4	24
9/25/2008 14:00	30	4.6	10.3	238	20.5	68.9	24
9/25/2008 15:00	30	4.2	9.4	233	21.4	70.5	21
9/25/2008 16:00	19	2.3	5.1	215	22.0	71.6	19
9/25/2008 17:00	25	3.4	7.6	249	21.5	70.7	19
9/25/2008 18:00	20	1.8	4.0	344	16.3	61.3	37
9/25/2008 19:00	29	1.4	3.1	274	12.7	54.9	51
9/25/2008 20:00	25	2.0	4.5	255	11.0	51.8	52
9/25/2008 21:00	20	1.3	2.9	263	10.2	50.4	53
9/25/2008 22:00	18	1.0	2.2	267	8.6	47.5	60
9/25/2008 23:00	20	1.3	2.9	256	7.1	44.8	63
9/26/2008 0:00	16	0.9	2.0	216	3.2	37.8	78
9/26/2008 1:00	14	0.8	1.8	229	1.4	34.5	82
9/26/2008 2:00	15	1.1	2.5	246	1.4	34.5	82
9/26/2008 3:00	13	0.7	1.6	231	0.7	33.3	85
9/26/2008 4:00	21	0.9	2.0	218	0.6	33.1	84
9/26/2008 5:00	-4	0.6	1.3	217	-0.7	30.7	87
9/26/2008 6:00	18	1.0	2.2	239	0.0	32.0	88
9/26/2008 7:00	38	0.7	1.6	206	0.1	32.2	86
9/26/2008 8:00	15	1.4	3.1	177	3.2	37.8	73
9/26/2008 9:00	23	1.1	2.5	191	7.7	45.9	61
9/26/2008 10:00	31	1.3	2.9	199	11.8	53.2	50
9/26/2008 11:00	21	1.5	3.4	54	14.0	57.2	45
9/26/2008 12:00	25	1.7	3.8	46	15.4	59.7	41
9/26/2008 13:00	21	2.0	4.5	45	17.7	63.9	34
9/26/2008 14:00	16	2.3	5.1	228	20.3	68.5	17
9/26/2008 15:00	15	2.2	4.9	229	21.5	70.7	13
9/26/2008 16:00	19	2.3	5.1	231	21.8	71.2	13
9/26/2008 17:00	22	2.4	5.4	353	20.0	68.0	26
9/26/2008 18:00	20	2.1	4.7	10	17.2	63.0	38
9/26/2008 19:00	28	1.4	3.1	295	13.3	55.9	53
9/26/2008 20:00	29	1.1	2.5	239	9.1	48.4	65
9/26/2008 21:00	18	1.0	2.2	188	6.6	43.9	67
9/26/2008 22:00	8	1.1	2.5	229	6.0	42.8	67
9/26/2008 23:00	13	1.1	2.5	232	6.1	43.0	65
9/27/2008 0:00	6	1.5	3.4	233	4.5	40.1	69
9/27/2008 1:00	16	1.2	2.7	206	6.1	43.0	59
9/27/2008 2:00	14	0.9	2.0	224	4.0	39.2	63
9/27/2008 3:00	3	0.9	2.0	210	2.5	36.5	68
9/27/2008 4:00	10	1.1	2.5	207	3.0	37.4	63
9/27/2008 5:00	1	1.1	2.5	202	3.7	38.7	59
9/27/2008 6:00	4	1.4	3.1	214	5.0	41.0	51
9/27/2008 7:00	9	1.3	2.9	197	5.2	41.4	52
9/27/2008 8:00	8	1.2	2.7	197	6.6	43.9	48
9/27/2008 9:00	11	1.3	2.9	200	9.2	48.6	43
9/27/2008 10:00	16	2.2	4.9	160	14.6	58.3	30
9/27/2008 11:00	14	1.7	3.8	184	18.7	65.7	20
9/27/2008 12:00	7	2.2	4.9	220	20.3	68.5	20
9/27/2008 13:00	19	3.3	7.4	242	21.9	71.4	17
9/27/2008 14:00	16	2.9	6.5	256	22.9	73.2	17
9/27/2008 15:00	27	4.4	9.8	286	23.2	73.8	14
9/27/2008 16:00	14	3.9	8.7	289	22.7	72.9	16
9/27/2008 17:00	23	3.5	7.8	290	21.5	70.7	19
9/27/2008 18:00	12	2.8	6.3	292	19.5	67.1	21
9/27/2008 19:00	13	2.6	5.8	291	17.3	63.1	25
9/27/2008 20:00	13	1.8	4.0	300	15.8	60.4	28
9/27/2008 21:00	20	1.3	2.9	317	14.2	57.6	31
9/27/2008 22:00	17	1.5	3.4	305	12.3	54.1	35
9/27/2008 23:00	20	1.1	2.5	204	7.0	44.6	53
9/28/2008 0:00	15	0.8	1.8	222	3.9	39.0	64
9/28/2008 1:00	19	0.7	1.6	231	1.8	35.2	71
9/28/2008 2:00	14	1.2	2.7	236	2.1	35.8	69
9/28/2008 3:00	13	1.0	2.2	229	1.0	33.8	71
9/28/2008 4:00	14	1.3	2.9	233	1.2	34.2	70
9/28/2008 5:00	13	1.1	2.5	226	1.2	34.2	69

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/28/2008 6:00	11	1.3	2.9	194	1.9	35.4	65
9/28/2008 7:00	12	0.7	1.6	199	1.4	34.5	68
9/28/2008 8:00	10	0.9	2.0	208	3.5	38.3	63
9/28/2008 9:00	8	1.4	3.1	147	8.0	46.4	47
9/28/2008 10:00	22	1.3	2.9	310	11.6	52.9	36
9/28/2008 11:00	13	2.1	4.7	26	13.0	55.4	35
9/28/2008 12:00	17	1.8	4.0	33	14.9	58.8	31
9/28/2008 13:00	14	2.1	4.7	33	17.2	63.0	26
9/28/2008 14:00	13	2.9	6.5	18	18.7	65.7	23
9/28/2008 15:00	21	3.2	7.2	4	19.5	67.1	20
9/28/2008 16:00	12	3.5	7.8	7	19.6	67.3	19
9/28/2008 17:00	16	3.0	6.7	1	19.0	66.2	22
9/28/2008 18:00	16	1.8	4.0	341	17.1	62.8	27
9/28/2008 19:00	13	1.1	2.5	254	12.8	55.0	40
9/28/2008 20:00	23	0.8	1.8	240	7.1	44.8	60
9/28/2008 21:00	13	1.3	2.9	221	6.1	43.0	58
9/28/2008 22:00	34	0.9	2.0	223	4.8	40.6	62
9/28/2008 23:00	12	1.2	2.7	235	4.0	39.2	62
9/29/2008 0:00	22	0.8	1.8	215	2.6	36.7	66
9/29/2008 1:00	17	1.1	2.5	218	1.8	35.2	66
9/29/2008 2:00	9	1.2	2.7	217	0.9	33.6	67
9/29/2008 3:00	12	1.2	2.7	230	1.3	34.3	64
9/29/2008 4:00	18	0.8	1.8	218	1.7	35.1	61
9/29/2008 5:00	26	0.8	1.8	216	0.7	33.3	66
9/29/2008 6:00	14	0.6	1.3	229	-1.6	29.1	75
9/29/2008 7:00	39	1.1	2.5	224	-0.4	31.3	70
9/29/2008 8:00	16	1.2	2.7	232	3.7	38.7	53
9/29/2008 9:00	16	1.1	2.5	157	8.6	47.5	40
9/29/2008 10:00	13	0.8	1.8	222	12.3	54.1	32
9/29/2008 11:00	29	1.4	3.1	42	14.9	58.8	27
9/29/2008 12:00	50	1.8	4.0	6	16.5	61.7	25
9/29/2008 13:00	38	1.8	4.0	21	18.6	65.5	24
9/29/2008 14:00	36	2.1	4.7	31	20.4	68.7	22
9/29/2008 15:00	24	2.0	4.5	20	21.8	71.2	19
9/29/2008 16:00	28	2.0	4.5	2	22.5	72.5	18
9/29/2008 17:00	18	2.0	4.5	5	22.4	72.3	17
9/29/2008 18:00	37	1.0	2.2	280	19.6	67.3	29
9/29/2008 19:00	33	1.3	2.9	237	12.4	54.3	49
9/29/2008 20:00	21	0.7	1.6	242	8.1	46.6	61
9/29/2008 21:00	15	1.1	2.5	240	7.4	45.3	59
9/29/2008 22:00	15	0.9	2.0	211	5.5	41.9	64
9/29/2008 23:00	10	1.0	2.2	215	4.6	40.3	64
9/30/2008 0:00	13	1.3	2.9	243	3.7	38.7	65
9/30/2008 1:00	10	1.0	2.2	222	2.9	37.2	70
9/30/2008 2:00	-5	0.8	1.8	219	2.5	36.5	71
9/30/2008 3:00	7	1.1	2.5	221	3.6	38.5	65
9/30/2008 4:00	7	1.2	2.7	211	5.5	41.9	57
9/30/2008 5:00	8	1.2	2.7	202	5.8	42.4	54
9/30/2008 6:00	14	1.7	3.8	175	5.6	42.1	54
9/30/2008 7:00	11	1.1	2.5	216	4.3	39.7	59
9/30/2008 8:00	26	1.5	3.4	199	7.5	45.5	46
9/30/2008 9:00	49	2.4	5.4	164	11.3	52.3	37
9/30/2008 10:00	46	2.3	5.1	151	15.3	59.5	31
9/30/2008 11:00	40	1.6	3.6	143	19.1	66.4	23
9/30/2008 12:00	80	2.0	4.5	43	20.9	69.6	24
9/30/2008 13:00	409	2.6	5.8	26	22.2	72.0	24
9/30/2008 14:00	122	2.7	6.0	20	23.4	74.1	22
9/30/2008 15:00	37	2.8	6.3	16	24.8	76.6	19
9/30/2008 16:00	39	3.0	6.7	8	25.7	78.3	16
9/30/2008 17:00	21	2.9	6.5	352	25.4	77.7	14
9/30/2008 18:00	24	1.2	2.7	298	22.5	72.5	22
9/30/2008 19:00	49	1.5	3.4	256	16.3	61.3	35
9/30/2008 20:00	21	0.7	1.6	191	11.7	53.1	48
9/30/2008 21:00	17	1.4	3.1	246	10.4	50.7	49
9/30/2008 22:00	15	0.9	2.0	209	8.5	47.3	55
9/30/2008 23:00	8	0.9	2.0	221	6.4	43.5	61
10/1/2008 0:00	7	1.2	2.7	222	7.1	44.8	55

AV = Power outage
BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
September 2008

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/1/2008 1:00	-5	1.3	2.9	10	3.0	37.4	90
9/1/2008 2:00	-5	1.2	2.7	10	1.9	35.4	90
9/1/2008 3:00	-5	0.9	2.0	28	0.5	32.9	90
9/1/2008 4:00	-5	0.5	1.1	357	-0.4	31.3	91
9/1/2008 5:00	11	0.6	1.3	267	-0.6	30.9	92
9/1/2008 6:00	-3	0.3	0.7	303	-0.6	30.9	92
9/1/2008 7:00	0	0.3	0.7	262	-0.5	31.1	92
9/1/2008 8:00	-1	0.8	1.8	279	-0.3	31.5	92
9/1/2008 9:00	1	0.7	1.6	245	0.7	33.3	90
9/1/2008 10:00	-5	1.0	2.2	253	1.6	34.9	88
9/1/2008 11:00	9	1.0	2.2	258	3.2	37.8	87
9/1/2008 12:00	6	1.0	2.2	60	5.5	41.9	81
9/1/2008 13:00	-5	1.4	3.1	6	6.2	43.2	79
9/1/2008 14:00	-3	1.4	3.1	359	7.0	44.6	76
9/1/2008 15:00	BA	1.2	2.7	5	7.0	44.6	77
9/1/2008 16:00	1	1.1	2.5	5	7.5	45.5	74
9/1/2008 17:00	1	0.9	2.0	40	7.8	46.0	71
9/1/2008 18:00	0	0.8	1.8	77	7.9	46.2	70
9/1/2008 19:00	-4	2.1	4.7	300	5.9	42.6	82
9/1/2008 20:00	-4	1.8	4.0	223	4.3	39.7	85
9/1/2008 21:00	3	1.3	2.9	276	4.2	39.6	84
9/1/2008 22:00	25	0.5	1.1	285	4.1	39.4	89
9/1/2008 23:00	6	0.5	1.1	167	3.9	39.0	89
9/2/2008 0:00	9	0.9	2.0	176	3.8	38.8	88
9/2/2008 1:00	-5	1.6	3.6	160	3.1	37.6	89
9/2/2008 2:00	5	2.4	5.4	189	3.3	37.9	85
9/2/2008 3:00	2	2.1	4.7	187	2.8	37.0	84
9/2/2008 4:00	-5	1.7	3.8	181	2.0	35.6	86
9/2/2008 5:00	10	2.0	4.5	160	1.9	35.4	87
9/2/2008 6:00	6	1.9	4.3	179	2.2	36.0	82
9/2/2008 7:00	-1	1.9	4.3	187	2.5	36.5	80
9/2/2008 8:00	-2	1.8	4.0	181	5.4	41.7	73
9/2/2008 9:00	4	2.3	5.1	184	8.3	46.9	62
9/2/2008 10:00	6	3.1	6.9	192	10.4	50.7	53
9/2/2008 11:00	16	3.0	6.7	193	12.6	54.7	45
9/2/2008 12:00	13	2.8	6.3	190	13.6	56.5	38
9/2/2008 13:00	118	2.3	5.1	186	14.3	57.7	33
9/2/2008 14:00	9	2.6	5.8	156	15.3	59.5	30
9/2/2008 15:00	10	1.9	4.3	188	16.3	61.3	27
9/2/2008 16:00	0	1.7	3.8	218	16.7	62.1	24
9/2/2008 17:00	27	1.2	2.7	316	16.7	62.1	24
9/2/2008 18:00	2	0.8	1.8	10	16.0	60.8	29
9/2/2008 19:00	-3	0.4	0.9	21	12.5	54.5	47
9/2/2008 20:00	-4	0.5	1.1	349	8.2	46.8	68
9/2/2008 21:00	11	0.5	1.1	143	7.3	45.1	70
9/2/2008 22:00	-4	1.0	2.2	201	5.7	42.3	80
9/2/2008 23:00	4	1.0	2.2	152	5.6	42.1	77
9/3/2008 0:00	5	1.1	2.5	162	5.3	41.5	78
9/3/2008 1:00	1	1.4	3.1	179	5.7	42.3	74
9/3/2008 2:00	5	1.4	3.1	175	5.9	42.6	74
9/3/2008 3:00	6	1.5	3.4	202	6.5	43.7	72
9/3/2008 4:00	3	2.1	4.7	171	7.7	45.9	65
9/3/2008 5:00	7	2.3	5.1	201	8.5	47.3	62
9/3/2008 6:00	2	2.5	5.6	199	8.9	48.0	59
9/3/2008 7:00	4	2.0	4.5	191	8.8	47.8	59
9/3/2008 8:00	2	2.2	4.9	204	9.8	49.6	58
9/3/2008 9:00	3	2.6	5.8	188	12.6	54.7	47
9/3/2008 10:00	8	3.2	7.2	190	14.7	58.5	41
9/3/2008 11:00	7	2.1	4.7	155	15.9	60.6	35
9/3/2008 12:00	15	1.7	3.8	40	16.6	61.9	33
9/3/2008 13:00	-3	1.1	2.5	27	16.2	61.2	35
9/3/2008 14:00	15	1.7	3.8	6	18.0	64.4	30
9/3/2008 15:00	6	1.3	2.9	6	17.2	63.0	32
9/3/2008 16:00	9	2.8	6.3	329	18.5	65.3	29
9/3/2008 17:00	8	2.5	5.6	327	19.2	66.6	26
9/3/2008 18:00	-1	2.8	6.3	312	16.8	62.2	31
9/3/2008 19:00	-2	1.3	2.9	312	13.6	56.5	44
9/3/2008 20:00	-4	0.5	1.1	276	8.9	48.0	59
9/3/2008 21:00	-4	0.7	1.6	307	7.2	45.0	64
9/3/2008 22:00	4	0.7	1.6	110	6.3	43.3	67
9/3/2008 23:00	8	0.7	1.6	257	3.6	38.5	80
9/4/2008 0:00	4	0.6	1.3	186	3.2	37.8	84
9/4/2008 1:00	9	1.2	2.7	153	4.9	40.8	77
9/4/2008 2:00	6	1.2	2.7	162	4.2	39.6	75
9/4/2008 3:00	6	1.1	2.5	167	4.4	39.9	74
9/4/2008 4:00	8	1.2	2.7	192	4.1	39.4	77
9/4/2008 5:00	-1	1.0	2.2	183	4.7	40.5	75
9/4/2008 6:00	3	1.1	2.5	210	5.1	41.2	73
9/4/2008 7:00	9	0.8	1.8	312	5.0	41.0	77
9/4/2008 8:00	4	0.7	1.6	6	5.4	41.7	80
9/4/2008 9:00	5	0.8	1.8	198	7.3	45.1	69
9/4/2008 10:00	14	1.1	2.5	329	9.2	48.6	63
9/4/2008 11:00	-5	1.1	2.5	28	9.7	49.5	63
9/4/2008 12:00	9	1.3	2.9	37	12.7	54.9	47
9/4/2008 13:00	-5	2.0	4.5	331	9.3	48.7	73
9/4/2008 14:00	5	1.6	3.6	149	9.4	48.9	75
9/4/2008 15:00	-1	2.2	4.9	195	9.4	48.9	74
9/4/2008 16:00	6	2.1	4.7	176	12.1	53.8	59
9/4/2008 17:00	11	2.2	4.9	154	13.3	55.9	53

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/4/2008 18:00	-5	2.0	4.5	5	10.1	50.2	66
9/4/2008 19:00	5	1.5	3.4	308	8.5	47.3	76
9/4/2008 20:00	10	1.0	2.2	113	6.2	43.2	86
9/4/2008 21:00	17	0.7	1.6	240	5.9	42.6	87
9/4/2008 22:00	-5	0.6	1.3	199	4.2	39.6	90
9/4/2008 23:00	13	0.9	2.0	179	4.2	39.6	91
9/5/2008 0:00	38	0.6	1.3	288	1.8	35.2	91
9/5/2008 1:00	10	0.6	1.3	161	1.8	35.2	92
9/5/2008 2:00	20	1.3	2.9	193	2.9	37.2	92
9/5/2008 3:00	6	1.3	2.9	187	3.2	37.8	89
9/5/2008 4:00	3	1.7	3.8	193	3.7	38.7	87
9/5/2008 5:00	4	1.6	3.6	194	3.7	38.7	86
9/5/2008 6:00	9	1.4	3.1	194	3.6	38.5	85
9/5/2008 7:00	1	1.5	3.4	153	3.6	38.5	85
9/5/2008 8:00	-2	2.3	5.1	188	6.1	43.0	77
9/5/2008 9:00	5	3.2	7.2	197	9.5	49.1	65
9/5/2008 10:00	8	3.2	7.2	193	10.8	51.4	60
9/5/2008 11:00	17	2.6	5.8	180	13.7	56.7	50
9/5/2008 12:00	9	2.4	5.4	126	14.7	58.5	44
9/5/2008 13:00	10	1.7	3.8	23	15.4	59.7	40
9/5/2008 14:00	-1	1.4	3.1	356	14.1	57.4	46
9/5/2008 15:00	5	2.4	5.4	0	13.7	56.7	48
9/5/2008 16:00	9	1.3	2.9	39	13.2	55.8	52
9/5/2008 17:00	-3	1.7	3.8	331	11.9	53.4	59
9/5/2008 18:00	3	0.9	2.0	29	10.4	50.7	67
9/5/2008 19:00	0	0.7	1.6	86	9.4	48.9	72
9/5/2008 20:00	7	0.5	1.1	358	8.8	47.8	77
9/5/2008 21:00	6	0.7	1.6	261	7.5	45.5	84
9/5/2008 22:00	3	1.0	2.2	164	7.2	45.0	85
9/5/2008 23:00	1	1.5	3.4	205	8.0	46.4	81
9/6/2008 0:00	10	0.7	1.6	316	7.7	45.9	83
9/6/2008 1:00	0	0.8	1.8	151	7.8	46.0	81
9/6/2008 2:00	8	0.8	1.8	183	7.2	45.0	82
9/6/2008 3:00	2	1.0	2.2	280	6.2	43.2	84
9/6/2008 4:00	5	0.6	1.3	310	4.7	40.5	90
9/6/2008 5:00	4	0.6	1.3	281	5.0	41.0	91
9/6/2008 6:00	50	0.5	1.1	317	3.6	38.5	91
9/6/2008 7:00	28	0.8	1.8	335	3.7	38.7	92
9/6/2008 8:00	9	1.0	2.2	356	6.3	43.3	91
9/6/2008 9:00	2	0.8	1.8	256	8.0	46.4	84
9/6/2008 10:00	-5	1.4	3.1	194	10.7	51.3	72
9/6/2008 11:00	14	1.2	2.7	139	13.3	55.9	60
9/6/2008 12:00	3	1.2	2.7	31	14.2	57.6	54
9/6/2008 13:00	17	1.5	3.4	17	15.2	59.4	49
9/6/2008 14:00	9	1.3	2.9	337	15.8	60.4	44
9/6/2008 15:00	4	1.6	3.6	357	16.3	61.3	43
9/6/2008 16:00	0	1.4	3.1	358	16.0	60.8	45
9/6/2008 17:00	0	1.3	2.9	350	15.7	60.3	47
9/6/2008 18:00	8	1.3	2.9	345	14.9	58.8	51
9/6/2008 19:00	-5	1.2	2.7	13	11.6	52.9	71
9/6/2008 20:00	7	0.7	1.6	318	9.4	48.9	80
9/6/2008 21:00	1	0.9	2.0	319	8.2	46.8	83
9/6/2008 22:00	11	1.0	2.2	334	7.9	46.2	87
9/6/2008 23:00	5	0.9	2.0	291	7.5	45.5	89
9/7/2008 0:00	11	0.5	1.1	111	7.2	45.0	90
9/7/2008 1:00	11	0.3	0.7	13	6.3	43.3	91
9/7/2008 2:00	-5	1.1	2.5	14	6.8	44.2	89
9/7/2008 3:00	18	1.6	3.6	353	6.6	43.9	90
9/7/2008 4:00	7	0.7	1.6	6	6.1	43.0	89
9/7/2008 5:00	18	0.6	1.3	45	6.0	42.8	89
9/7/2008 6:00	5	0.5	1.1	60	5.8	42.4	88
9/7/2008 7:00	3	0.7	1.6	277	5.8	42.4	88
9/7/2008 8:00	11	1.0	2.2	359	6.7	44.1	87
9/7/2008 9:00	-3	2.1	4.7	348	7.2	45.0	85
9/7/2008 10:00	7	2.9	6.5	344	8.1	46.6	79
9/7/2008 11:00	0	2.5	5.6	352	10.8	51.4	68
9/7/2008 12:00	8	2.8	6.3	340	12.5	54.5	59
9/7/2008 13:00	0	2.1	4.7	346	13.2	55.8	53
9/7/2008 14:00	3	1.6	3.6	3	13.5	56.3	50
9/7/2008 15:00	8	1.7	3.8	4	14.9	58.8	46
9/7/2008 16:00	11	1.5	3.4	42	15.9	60.6	42
9/7/2008 17:00	-1	1.4	3.1	359	14.5	58.1	44
9/7/2008 18:00	6	1.4	3.1	26	14.6	58.3	44
9/7/2008 19:00	3	1.4	3.1	70	12.6	54.7	53
9/7/2008 20:00	-1	1.5	3.4	117	10.1	50.2	62
9/7/2008 21:00	8	1.3	2.9	293	8.9	48.0	65
9/7/2008 22:00	6	0.7	1.6	49	8.0	46.4	68
9/7/2008 23:00	21	0.6	1.3	236	5.6	42.1	78
9/8/2008 0:00	0	0.8	1.8	217	3.3	37.9	88
9/8/2008 1:00	6	1.1	2.5	188	3.3	37.9	86
9/8/2008 2:00	6	1.0	2.2	172	2.3	36.1	87
9/8/2008 3:00	-3	1.4	3.1	189	1.6	34.9	87
9/8/2008 4:00	12	1.2	2.7	170	1.3	34.3	88
9/8/2008 5:00	12	1.1	2.5	174	0.4	32.7	88
9/8/2008 6:00	6	1.2	2.7	211	0.0	32.0	89
9/8/2008 7:00	0	0.9	2.0	168	0.4	32.7	86
9/8/2008 8:00	-3	1.9	4.3	202	4.0	39.2	74
9/8/2008 9:00	8	2.2	4.9	201	8.4	47.1	62
9/8/2008 10:00	16	1.7	3.8	148	12.2	54.0	49
9/8/2008 11:00	12	2.0	4.5	155	14.6	58.3	41
9/8/2008 12:00	6	1.6	3.6	167	16.3	61.3	36
9/8/2008 13:00	5	1.4	3.1	145	18.1	64.6	31
9/8/2008 14:00	6	1.3	2.9	93	19.6	67.3	26
9/8/2008 15:00	8	1.5	3.4	330	20.5	68.9	25

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/8/2008 16:00	-1	1.7	3.8	6	20.5	68.9	28
9/8/2008 17:00	5	1.6	3.6	357	20.2	68.4	30
9/8/2008 18:00	-2	1.1	2.5	4	18.3	64.9	41
9/8/2008 19:00	1	0.5	1.1	52	14.7	58.5	56
9/8/2008 20:00	-5	0.4	0.9	261	8.5	47.3	81
9/8/2008 21:00	5	0.7	1.6	148	7.5	45.5	84
9/8/2008 22:00	2	1.2	2.7	151	7.6	45.7	79
9/8/2008 23:00	7	1.2	2.7	142	6.2	43.2	82
9/9/2008 0:00	8	1.2	2.7	166	6.1	43.0	81
9/9/2008 1:00	7	1.4	3.1	168	5.1	41.2	82
9/9/2008 2:00	4	1.4	3.1	180	4.6	40.3	82
9/9/2008 3:00	6	1.6	3.6	187	4.4	39.9	81
9/9/2008 4:00	7	1.2	2.7	186	4.2	39.6	80
9/9/2008 5:00	16	1.1	2.5	210	4.1	39.4	80
9/9/2008 6:00	4	0.9	2.0	187	2.6	36.7	84
9/9/2008 7:00	1	0.7	1.6	122	2.3	36.1	84
9/9/2008 8:00	0	0.7	1.6	37	6.8	44.2	70
9/9/2008 9:00	3	1.0	2.2	29	9.5	49.1	64
9/9/2008 10:00	16	1.1	2.5	24	13.6	56.5	53
9/9/2008 11:00	13	1.3	2.9	15	16.4	61.5	48
9/9/2008 12:00	16	1.4	3.1	8	17.7	63.9	45
9/9/2008 13:00	8	1.5	3.4	14	18.4	65.1	44
9/9/2008 14:00	10	1.6	3.6	9	19.5	67.1	40
9/9/2008 15:00	15	1.4	3.1	327	21.3	70.3	33
9/9/2008 16:00	9	1.1	2.5	336	21.5	70.7	32
9/9/2008 17:00	0	1.1	2.5	1	20.0	68.0	42
9/9/2008 18:00	14	0.9	2.0	349	18.0	64.4	52
9/9/2008 19:00	12	0.7	1.6	306	14.8	58.6	66
9/9/2008 20:00	12	0.7	1.6	335	12.7	54.9	71
9/9/2008 21:00	5	1.0	2.2	277	11.5	52.7	71
9/9/2008 22:00	12	0.9	2.0	306	11.1	52.0	71
9/9/2008 23:00	12	0.6	1.3	169	9.6	49.3	78
9/10/2008 0:00	8	0.8	1.8	138	9.0	48.2	78
9/10/2008 1:00	7	0.9	2.0	119	6.8	44.2	80
9/10/2008 2:00	24	0.8	1.8	310	4.3	39.7	85
9/10/2008 3:00	-5	0.8	1.8	106	2.5	36.5	90
9/10/2008 4:00	24	0.6	1.3	30	5.3	41.5	85
9/10/2008 5:00	13	0.6	1.3	72	4.9	40.8	86
9/10/2008 6:00	2	0.6	1.3	155	3.2	37.8	89
9/10/2008 7:00	14	0.4	0.9	175	3.8	38.8	87
9/10/2008 8:00	7	0.6	1.3	301	5.8	42.4	83
9/10/2008 9:00	9	1.0	2.2	330	6.6	43.9	82
9/10/2008 10:00	0	1.2	2.7	354	6.4	43.5	86
9/10/2008 11:00	1	1.0	2.2	30	6.7	44.1	85
9/10/2008 12:00	2	1.0	2.2	37	7.8	46.0	79
9/10/2008 13:00	1	2.5	5.6	347	8.1	46.6	78
9/10/2008 14:00	11	2.7	6.0	348	10.5	50.9	66
9/10/2008 15:00	9	2.9	6.5	351	11.2	52.2	60
9/10/2008 16:00	7	2.3	5.1	2	10.7	51.3	61
9/10/2008 17:00	-5	2.0	4.5	353	9.8	49.6	66
9/10/2008 18:00	-5	1.9	4.3	342	8.6	47.5	70
9/10/2008 19:00	3	2.1	4.7	340	7.9	46.2	73
9/10/2008 20:00	0	1.3	2.9	326	5.3	41.5	83
9/10/2008 21:00	0	0.7	1.6	340	3.8	38.8	87
9/10/2008 22:00	-5	0.6	1.3	158	2.2	36.0	90
9/10/2008 23:00	-5	0.7	1.6	170	1.6	34.9	91
9/11/2008 0:00	1	1.1	2.5	170	1.7	35.1	91
9/11/2008 1:00	0	1.2	2.7	158	1.1	34.0	91
9/11/2008 2:00	10	1.1	2.5	169	0.8	33.4	91
9/11/2008 3:00	3	1.2	2.7	169	0.1	32.2	91
9/11/2008 4:00	-1	1.0	2.2	166	-0.1	31.8	90
9/11/2008 5:00	9	0.9	2.0	197	-0.8	30.6	89
9/11/2008 6:00	4	1.1	2.5	163	-1.0	30.2	90
9/11/2008 7:00	-5	1.7	3.8	178	0.1	32.2	86
9/11/2008 8:00	3	1.5	3.4	172	3.3	37.9	78
9/11/2008 9:00	1	2.1	4.7	165	6.6	43.9	68
9/11/2008 10:00	1	2.1	4.7	192	9.6	49.3	57
9/11/2008 11:00	11	1.5	3.4	212	12.1	53.8	49
9/11/2008 12:00	12	1.3	2.9	79	14.2	57.6	41
9/11/2008 13:00	0	1.4	3.1	22	15.6	60.1	38
9/11/2008 14:00	5	1.3	2.9	20	16.7	62.1	38
9/11/2008 15:00	12	1.6	3.6	25	17.9	64.2	37
9/11/2008 16:00	-3	1.5	3.4	12	18.7	65.7	35
9/11/2008 17:00	-3	1.4	3.1	2	18.6	65.5	37
9/11/2008 18:00	-5	1.6	3.6	343	17.4	63.3	42
9/11/2008 19:00	4	0.8	1.8	321	13.7	56.7	59
9/11/2008 20:00	-4	0.7	1.6	260	7.4	45.3	81
9/11/2008 21:00	6	1.0	2.2	176	6.4	43.5	85
9/11/2008 22:00	3	1.3	2.9	144	6.4	43.5	82
9/11/2008 23:00	6	1.3	2.9	149	5.5	41.9	84
9/12/2008 0:00	8	1.6	3.6	179	5.6	42.1	82
9/12/2008 1:00	-2	1.4	3.1	156	4.3	39.7	84
9/12/2008 2:00	10	1.2	2.7	174	4.8	40.6	81
9/12/2008 3:00	0	1.5	3.4	173	4.6	40.3	80
9/12/2008 4:00	-2	1.6	3.6	220	4.1	39.4	80
9/12/2008 5:00	-5	1.5	3.4	217	3.4	38.1	82
9/12/2008 6:00	11	1.5	3.4	200	2.3	36.1	84
9/12/2008 7:00	-5	0.9	2.0	207	2.7	36.9	80
9/12/2008 8:00	-3	1.3	2.9	186	6.6	43.9	68
9/12/2008 9:00	7	1.7	3.8	150	10.7	51.3	57
9/12/2008 10:00	10	1.0	2.2	113	14.3	57.7	47
9/12/2008 11:00	16	1.2	2.7	51	17.3	63.1	40
9/12/2008 12:00	11	1.3	2.9	24	19.4	66.9	37
9/12/2008 13:00	6	1.3	2.9	24	20.9	69.6	32

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/12/2008 14:00	9	1.7	3.8	358	22.0	71.6	31
9/12/2008 15:00	5	2.0	4.5	358	22.7	72.9	33
9/12/2008 16:00	5	2.1	4.7	353	23.1	73.6	33
9/12/2008 17:00	4	1.8	4.0	352	22.1	71.8	36
9/12/2008 18:00	6	1.1	2.5	351	21.2	70.2	41
9/12/2008 19:00	1	0.9	2.0	290	16.4	61.5	59
9/12/2008 20:00	-5	0.6	1.3	252	11.0	51.8	76
9/12/2008 21:00	-1	0.9	2.0	128	9.7	49.5	79
9/12/2008 22:00	6	0.7	1.6	140	9.0	48.2	79
9/12/2008 23:00	5	0.7	1.6	44	8.5	47.3	75
9/13/2008 0:00	9	0.7	1.6	111	7.4	45.3	80
9/13/2008 1:00	11	0.6	1.3	162	5.2	41.4	85
9/13/2008 2:00	3	0.7	1.6	153	4.2	39.6	88
9/13/2008 3:00	8	0.7	1.6	91	3.2	37.8	88
9/13/2008 4:00	3	1.0	2.2	47	3.6	38.5	86
9/13/2008 5:00	-5	0.7	1.6	7	3.4	38.1	89
9/13/2008 6:00	25	0.7	1.6	73	5.0	41.0	87
9/13/2008 7:00	11	0.7	1.6	53	4.9	40.8	86
9/13/2008 8:00	-2	1.2	2.7	355	5.9	42.6	81
9/13/2008 9:00	-2	2.8	6.3	344	8.0	46.4	69
9/13/2008 10:00	-1	2.6	5.8	345	7.9	46.2	65
9/13/2008 11:00	3	2.8	6.3	342	8.6	47.5	61
9/13/2008 12:00	1	1.8	4.0	353	10.3	50.5	56
9/13/2008 13:00	11	1.8	4.0	346	12.7	54.9	49
9/13/2008 14:00	7	1.5	3.4	357	14.4	57.9	45
9/13/2008 15:00	6	1.6	3.6	351	15.8	60.4	44
9/13/2008 16:00	4	1.7	3.8	355	16.5	61.7	42
9/13/2008 17:00	2	2.0	4.5	348	16.5	61.7	42
9/13/2008 18:00	3	2.0	4.5	341	15.3	59.5	47
9/13/2008 19:00	8	0.8	1.8	9	12.0	53.6	62
9/13/2008 20:00	-4	0.5	1.1	271	6.3	43.3	82
9/13/2008 21:00	3	0.8	1.8	140	5.0	41.0	86
9/13/2008 22:00	10	1.1	2.5	159	5.2	41.4	82
9/13/2008 23:00	1	1.4	3.1	148	4.2	39.6	84
9/14/2008 0:00	12	1.3	2.9	170	3.8	38.8	83
9/14/2008 1:00	16	1.6	3.6	180	3.5	38.3	84
9/14/2008 2:00	4	1.4	3.1	163	2.9	37.2	83
9/14/2008 3:00	16	1.3	2.9	158	2.4	36.3	85
9/14/2008 4:00	8	1.3	2.9	167	2.6	36.7	85
9/14/2008 5:00	12	1.7	3.8	185	2.6	36.7	83
9/14/2008 6:00	20	1.2	2.7	157	1.9	35.4	85
9/14/2008 7:00	-5	0.8	1.8	157	2.1	35.8	83
9/14/2008 8:00	-1	0.5	1.1	341	5.4	41.7	72
9/14/2008 9:00	5	0.8	1.8	61	8.5	47.3	63
9/14/2008 10:00	14	1.1	2.5	29	12.0	53.6	55
9/14/2008 11:00	12	1.3	2.9	23	14.6	58.3	51
9/14/2008 12:00	10	1.2	2.7	16	17.3	63.1	43
9/14/2008 13:00	9	1.4	3.1	24	19.7	67.5	36
9/14/2008 14:00	3	1.8	4.0	6	21.0	69.8	33
9/14/2008 15:00	5	1.9	4.3	355	21.9	71.4	31
9/14/2008 16:00	9	2.1	4.7	351	22.4	72.3	32
9/14/2008 17:00	3	2.1	4.7	347	22.1	71.8	33
9/14/2008 18:00	-3	1.6	3.6	334	21.1	70.0	34
9/14/2008 19:00	3	0.8	1.8	295	15.6	60.1	53
9/14/2008 20:00	-5	0.8	1.8	156	10.0	50.0	74
9/14/2008 21:00	1	1.3	2.9	148	10.2	50.4	70
9/14/2008 22:00	11	1.4	3.1	145	8.7	47.7	73
9/14/2008 23:00	8	1.2	2.7	175	8.4	47.1	72
9/15/2008 0:00	8	1.2	2.7	171	7.1	44.8	73
9/15/2008 1:00	0	1.4	3.1	189	6.9	44.4	71
9/15/2008 2:00	3	1.2	2.7	184	6.0	42.8	74
9/15/2008 3:00	4	1.4	3.1	188	5.8	42.4	73
9/15/2008 4:00	4	1.4	3.1	176	5.7	42.3	73
9/15/2008 5:00	9	1.1	2.5	159	4.8	40.6	76
9/15/2008 6:00	6	1.1	2.5	188	4.6	40.3	76
9/15/2008 7:00	4	1.2	2.7	179	4.5	40.1	76
9/15/2008 8:00	3	1.0	2.2	164	8.4	47.1	64
9/15/2008 9:00	10	1.1	2.5	96	11.9	53.4	56
9/15/2008 10:00	19	1.0	2.2	40	15.4	59.7	47
9/15/2008 11:00	14	1.2	2.7	17	18.4	65.1	39
9/15/2008 12:00	13	1.3	2.9	34	21.0	69.8	35
9/15/2008 13:00	5	1.4	3.1	14	23.6	74.5	30
9/15/2008 14:00	9	1.7	3.8	358	25.3	77.5	28
9/15/2008 15:00	11	1.7	3.8	2	26.3	79.3	25
9/15/2008 16:00	6	2.2	4.9	350	26.6	79.9	22
9/15/2008 17:00	12	2.3	5.1	351	25.6	78.1	24
9/15/2008 18:00	3	1.8	4.0	344	23.6	74.5	31
9/15/2008 19:00	7	0.9	2.0	303	17.3	63.1	43
9/15/2008 20:00	-5	0.7	1.6	181	11.0	51.8	42
9/15/2008 21:00	5	1.1	2.5	139	11.2	52.2	65
9/15/2008 22:00	2	1.3	2.9	147	10.0	50.0	67
9/15/2008 23:00	-2	1.3	2.9	172	9.5	49.1	64
9/16/2008 0:00	8	1.5	3.4	175	9.4	48.9	62
9/16/2008 1:00	9	1.7	3.8	186	8.6	47.5	61
9/16/2008 2:00	3	1.0	2.2	168	7.4	45.3	65
9/16/2008 3:00	8	1.1	2.5	156	7.1	44.8	66
9/16/2008 4:00	6	1.3	2.9	186	6.7	44.1	66
9/16/2008 5:00	6	1.7	3.8	193	6.0	42.8	68
9/16/2008 6:00	18	0.7	1.6	251	4.6	40.3	72
9/16/2008 7:00	-1	0.9	2.0	314	2.7	36.9	77
9/16/2008 8:00	-2	0.7	1.6	57	6.8	44.2	64
9/16/2008 9:00	16	0.9	2.0	104	12.8	55.0	48
9/16/2008 10:00	17	1.0	2.2	14	15.9	60.6	42
9/16/2008 11:00	18	1.0	2.2	21	19.7	67.5	34

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/16/2008 12:00	10	1.4	3.1	9	22.0	71.6	30
9/16/2008 13:00	6	1.4	3.1	12	24.2	75.6	25
9/16/2008 14:00	12	1.9	4.3	356	25.8	78.4	18
9/16/2008 15:00	14	2.2	4.9	354	26.3	79.3	17
9/16/2008 16:00	19	2.2	4.9	355	26.5	79.7	17
9/16/2008 17:00	9	2.0	4.5	351	25.8	78.4	19
9/16/2008 18:00	8	1.5	3.4	344	23.9	75.0	26
9/16/2008 19:00	6	1.0	2.2	316	17.9	64.2	27
9/16/2008 20:00	4	0.6	1.3	267	10.1	50.2	43
9/16/2008 21:00	7	0.9	2.0	150	9.5	49.1	50
9/16/2008 22:00	15	1.3	2.9	165	10.2	50.4	56
9/16/2008 23:00	17	1.5	3.4	153	8.5	47.3	59
9/17/2008 0:00	8	1.1	2.5	155	8.4	47.1	64
9/17/2008 1:00	11	1.3	2.9	165	7.1	44.8	64
9/17/2008 2:00	16	1.0	2.2	183	7.6	45.7	61
9/17/2008 3:00	12	0.7	1.6	179	5.5	41.9	69
9/17/2008 4:00	12	1.3	2.9	186	5.4	41.7	68
9/17/2008 5:00	21	0.8	1.8	162	4.5	40.1	71
9/17/2008 6:00	11	0.9	2.0	166	3.1	37.6	77
9/17/2008 7:00	15	0.6	1.3	56	3.1	37.6	76
9/17/2008 8:00	6	0.9	2.0	161	7.8	46.0	60
9/17/2008 9:00	17	1.5	3.4	208	12.9	55.2	44
9/17/2008 10:00	28	1.0	2.2	25	16.1	61.0	42
9/17/2008 11:00	24	1.2	2.7	18	18.4	65.1	37
9/17/2008 12:00	19	1.2	2.7	27	21.2	70.2	30
9/17/2008 13:00	19	1.4	3.1	19	23.1	73.6	26
9/17/2008 14:00	21	1.7	3.8	358	24.6	76.3	22
9/17/2008 15:00	12	1.8	4.0	359	25.9	78.6	19
9/17/2008 16:00	6	2.1	4.7	353	26.2	79.2	20
9/17/2008 17:00	9	1.5	3.4	355	25.7	78.3	16
9/17/2008 18:00	7	0.8	1.8	4	24.2	75.6	15
9/17/2008 19:00	2	0.7	1.6	305	17.7	63.9	13
9/17/2008 20:00	-5	0.7	1.6	302	9.6	49.3	52
9/17/2008 21:00	4	1.1	2.5	161	9.4	48.9	61
9/17/2008 22:00	9	1.4	3.1	148	9.7	49.5	52
9/17/2008 23:00	5	1.3	2.9	157	9.3	48.7	51
9/18/2008 0:00	15	1.1	2.5	171	8.3	46.9	55
9/18/2008 1:00	10	1.3	2.9	190	8.2	46.8	54
9/18/2008 2:00	6	1.5	3.4	201	7.4	45.3	58
9/18/2008 3:00	6	1.1	2.5	187	6.1	43.0	62
9/18/2008 4:00	13	1.3	2.9	167	5.8	42.4	62
9/18/2008 5:00	8	0.9	2.0	164	4.6	40.3	65
9/18/2008 6:00	20	0.9	2.0	225	3.1	37.6	72
9/18/2008 7:00	11	0.5	1.1	49	2.2	36.0	76
9/18/2008 8:00	11	1.3	2.9	183	7.5	45.5	57
9/18/2008 9:00	28	1.9	4.3	193	12.5	54.5	43
9/18/2008 10:00	26	1.6	3.6	176	17.1	62.8	35
9/18/2008 11:00	24	1.0	2.2	92	20.9	69.6	26
9/18/2008 12:00	19	1.2	2.7	14	23.1	73.6	24
9/18/2008 13:00	15	1.3	2.9	12	24.2	75.6	27
9/18/2008 14:00	15	1.4	3.1	13	25.5	77.9	22
9/18/2008 15:00	15	1.4	3.1	8	27.0	80.6	18
9/18/2008 16:00	4	1.3	2.9	18	27.5	81.5	14
9/18/2008 17:00	7	1.5	3.4	349	26.9	80.4	16
9/18/2008 18:00	14	1.3	2.9	338	23.7	74.7	25
9/18/2008 19:00	-5	0.6	1.3	217	16.1	61.0	49
9/18/2008 20:00	13	1.0	2.2	134	12.5	54.5	56
9/18/2008 21:00	14	1.1	2.5	153	11.5	52.7	52
9/18/2008 22:00	7	1.3	2.9	148	10.1	50.2	53
9/18/2008 23:00	15	1.2	2.7	145	8.7	47.7	57
9/19/2008 0:00	17	1.5	3.4	187	8.6	47.5	54
9/19/2008 1:00	14	2.0	4.5	195	9.5	49.1	47
9/19/2008 2:00	9	1.4	3.1	180	9.0	48.2	48
9/19/2008 3:00	13	1.6	3.6	169	7.9	46.2	52
9/19/2008 4:00	14	1.7	3.8	214	8.7	47.7	48
9/19/2008 5:00	17	1.2	2.7	163	8.5	47.3	51
9/19/2008 6:00	14	1.0	2.2	132	7.3	45.1	56
9/19/2008 7:00	12	0.9	2.0	184	7.1	44.8	55
9/19/2008 8:00	11	1.5	3.4	159	10.1	50.2	50
9/19/2008 9:00	26	1.7	3.8	138	15.1	59.2	39
9/19/2008 10:00	26	1.1	2.5	12	18.1	64.6	33
9/19/2008 11:00	11	1.2	2.7	21	20.1	68.2	29
9/19/2008 12:00	14	1.2	2.7	18	22.8	73.0	13
9/19/2008 13:00	16	1.5	3.4	14	24.9	76.8	25
9/19/2008 14:00	28	1.5	3.4	8	26.5	79.7	18
9/19/2008 15:00	16	1.2	2.7	38	28.2	82.8	16
9/19/2008 16:00	3	2.0	4.5	353	27.7	81.9	18
9/19/2008 17:00	12	1.6	3.6	3	26.6	79.9	19
9/19/2008 18:00	18	1.0	2.2	354	24.0	75.2	31
9/19/2008 19:00	-2	0.8	1.8	336	16.8	62.2	52
9/19/2008 20:00	11	0.5	1.1	184	12.0	53.6	68
9/19/2008 21:00	14	0.6	1.3	130	9.9	49.8	72
9/19/2008 22:00	4	1.3	2.9	167	10.2	50.4	64
9/19/2008 23:00	19	1.3	2.9	139	10.1	50.2	63
9/20/2008 0:00	9	1.1	2.5	160	10.2	50.4	60
9/20/2008 1:00	18	1.2	2.7	153	10.1	50.2	59
9/20/2008 2:00	11	0.8	1.8	134	8.2	46.8	65
9/20/2008 3:00	16	0.9	2.0	154	7.6	45.7	67
9/20/2008 4:00	12	0.6	1.3	157	5.7	42.3	74
9/20/2008 5:00	25	1.1	2.5	137	6.9	44.4	66
9/20/2008 6:00	18	1.3	2.9	194	6.4	43.5	66
9/20/2008 7:00	10	0.9	2.0	138	5.8	42.4	70
9/20/2008 8:00	12	1.1	2.5	155	9.8	49.6	58
9/20/2008 9:00	13	1.5	3.4	170	13.4	56.1	50

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/20/2008 10:00	25	3.1	6.9	189	18.1	64.6	36
9/20/2008 11:00	26	4.9	11.0	204	20.4	68.7	35
9/20/2008 12:00	38	4.1	9.2	210	21.9	71.4	30
9/20/2008 13:00	14	3.3	7.4	208	22.9	73.2	31
9/20/2008 14:00	11	2.9	6.5	196	21.6	70.9	34
9/20/2008 15:00	-4	3.7	8.3	147	21.0	69.8	38
9/20/2008 16:00	14	3.4	7.6	150	22.2	72.0	37
9/20/2008 17:00	144	4.5	10.1	166	19.3	66.7	45
9/20/2008 18:00	16	4.5	10.1	213	13.5	56.3	61
9/20/2008 19:00	5	3.2	7.2	178	12.6	54.7	66
9/20/2008 20:00	-2	2.7	6.0	203	12.3	54.1	67
9/20/2008 21:00	-5	3.7	8.3	197	12.0	53.6	68
9/20/2008 22:00	0	2.3	5.1	179	11.0	51.8	72
9/20/2008 23:00	-1	2.3	5.1	186	10.4	50.7	72
9/21/2008 0:00	2	1.9	4.3	186	10.1	50.2	71
9/21/2008 1:00	7	1.9	4.3	210	10.2	50.4	71
9/21/2008 2:00	1	2.7	6.0	202	9.8	49.6	73
9/21/2008 3:00	-4	2.9	6.5	187	9.4	48.9	71
9/21/2008 4:00	2	2.7	6.0	204	8.7	47.7	71
9/21/2008 5:00	1	3.8	8.5	189	9.4	48.9	69
9/21/2008 6:00	0	3.2	7.2	181	9.2	48.6	69
9/21/2008 7:00	3	3.0	6.7	182	9.0	48.2	71
9/21/2008 8:00	3	2.2	4.9	190	9.2	48.6	75
9/21/2008 9:00	0	0.8	1.8	156	9.2	48.6	81
9/21/2008 10:00	-3	1.3	2.9	171	10.4	50.7	74
9/21/2008 11:00	-5	2.9	6.5	220	10.6	51.1	73
9/21/2008 12:00	-5	2.3	5.1	195	10.1	50.2	74
9/21/2008 13:00	-2	1.8	4.0	199	11.4	52.5	68
9/21/2008 14:00	2	1.8	4.0	211	11.7	53.1	62
9/21/2008 15:00	5	2.7	6.0	241	12.8	55.0	53
9/21/2008 16:00	10	3.1	6.9	262	13.7	56.7	49
9/21/2008 17:00	3	3.4	7.6	276	13.5	56.3	49
9/21/2008 18:00	5	4.1	9.2	272	12.5	54.5	52
9/21/2008 19:00	2	2.5	5.6	305	11.0	51.8	59
9/21/2008 20:00	7	0.9	2.0	315	9.1	48.4	69
9/21/2008 21:00	3	1.0	2.2	208	7.7	45.9	75
9/21/2008 22:00	5	1.4	3.1	254	7.4	45.3	70
9/21/2008 23:00	8	1.4	3.1	321	6.6	43.9	75
9/22/2008 0:00	-2	1.7	3.8	247	6.7	44.1	70
9/22/2008 1:00	1	0.8	1.8	224	4.9	40.8	73
9/22/2008 2:00	3	1.1	2.5	172	4.7	40.5	74
9/22/2008 3:00	-5	1.5	3.4	187	4.6	40.3	74
9/22/2008 4:00	6	1.3	2.9	145	4.5	40.1	75
9/22/2008 5:00	-1	2.2	4.9	196	6.1	43.0	70
9/22/2008 6:00	-1	2.6	5.8	199	7.1	44.8	65
9/22/2008 7:00	7	2.6	5.8	191	7.3	45.1	63
9/22/2008 8:00	-5	2.0	4.5	185	7.8	46.0	62
9/22/2008 9:00	5	2.1	4.7	217	9.5	49.1	58
9/22/2008 10:00	2	2.5	5.6	248	10.0	50.0	56
9/22/2008 11:00	-3	3.2	7.2	268	10.4	50.7	54
9/22/2008 12:00	-5	2.6	5.8	259	10.7	51.3	53
9/22/2008 13:00	0	2.7	6.0	151	11.8	53.2	47
9/22/2008 14:00	9	4.4	9.8	275	13.8	56.8	38
9/22/2008 15:00	-4	3.5	7.8	275	13.9	57.0	36
9/22/2008 16:00	2	2.4	5.4	255	14.6	58.3	31
9/22/2008 17:00	-3	1.8	4.0	249	13.2	55.8	38
9/22/2008 18:00	8	0.5	1.1	183	11.7	53.1	48
9/22/2008 19:00	-5	5.7	12.8	260	5.9	42.6	75
9/22/2008 20:00	13	1.5	3.4	162	3.7	38.7	85
9/22/2008 21:00	5	1.1	2.5	344	3.5	38.3	85
9/22/2008 22:00	-1	0.7	1.6	235	1.9	35.4	89
9/22/2008 23:00	9	1.5	3.4	242	1.4	34.5	86
9/23/2008 0:00	-5	2.0	4.5	217	1.6	34.9	79
9/23/2008 1:00	9	1.4	3.1	214	1.4	34.5	77
9/23/2008 2:00	2	1.9	4.3	144	1.6	34.9	76
9/23/2008 3:00	-1	1.9	4.3	191	2.5	36.5	69
9/23/2008 4:00	6	2.3	5.1	211	2.5	36.5	67
9/23/2008 5:00	7	3.5	7.8	237	2.8	37.0	64
9/23/2008 6:00	-2	1.9	4.3	243	1.6	34.9	66
9/23/2008 7:00	1	1.7	3.8	141	1.5	34.7	65
9/23/2008 8:00	7	1.9	4.3	201	4.2	39.6	53
9/23/2008 9:00	1	3.0	6.7	229	5.6	42.1	50
9/23/2008 10:00	15	3.4	7.6	223	7.2	45.0	46
9/23/2008 11:00	4	3.3	7.4	214	9.0	48.2	40
9/23/2008 12:00	7	2.9	6.5	211	10.6	51.1	34
9/23/2008 13:00	6	2.3	5.1	228	12.1	53.8	31
9/23/2008 14:00	BA	BA	BA	BA	13.3	55.9	28
9/23/2008 15:00	BA	2.2	4.9	230	14.5	58.1	23
9/23/2008 16:00	-1	2.2	4.9	252	15.3	59.5	19
9/23/2008 17:00	6	1.6	3.6	271	15.3	59.5	20
9/23/2008 18:00	1	1.0	2.2	306	14.2	57.6	25
9/23/2008 19:00	-5	0.5	1.1	357	8.2	46.8	53
9/23/2008 20:00	-3	0.9	2.0	334	4.4	39.9	67
9/23/2008 21:00	9	0.5	1.1	195	1.9	35.4	76
9/23/2008 22:00	5	0.5	1.1	142	2.7	36.9	77
9/23/2008 23:00	2	0.4	0.9	149	3.2	37.8	76
9/24/2008 0:00	0	0.6	1.3	145	3.5	38.3	74
9/24/2008 1:00	4	0.8	1.8	177	3.7	38.7	70
9/24/2008 2:00	0	1.0	2.2	183	3.7	38.7	66
9/24/2008 3:00	3	0.9	2.0	160	2.4	36.3	70
9/24/2008 4:00	-2	1.3	2.9	193	1.3	34.3	69
9/24/2008 5:00	6	1.3	2.9	171	1.5	34.7	66
9/24/2008 6:00	2	0.9	2.0	166	0.5	32.9	70
9/24/2008 7:00	-3	0.7	1.6	323	-2.4	27.7	84

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/24/2008 8:00	-5	0.7	1.6	344	0.2	32.4	76
9/24/2008 9:00	8	0.8	1.8	345	5.5	41.9	58
9/24/2008 10:00	9	0.9	2.0	28	9.2	48.6	50
9/24/2008 11:00	11	0.9	2.0	30	13.6	56.5	40
9/24/2008 12:00	2	2.4	5.4	145	16.7	62.1	29
9/24/2008 13:00	6	4.1	9.2	152	20.1	68.2	19
9/24/2008 14:00	12	4.6	10.3	195	21.7	71.1	16
9/24/2008 15:00	9	5.3	11.9	205	22.3	72.1	14
9/24/2008 16:00	8	4.4	9.8	213	23.1	73.6	13
9/24/2008 17:00	5	3.9	8.7	216	22.9	73.2	14
9/24/2008 18:00	7	1.7	3.8	215	20.6	69.1	20
9/24/2008 19:00	1	1.2	2.7	171	15.6	60.1	35
9/24/2008 20:00	-4	1.5	3.4	174	13.0	55.4	42
9/24/2008 21:00	2	1.4	3.1	158	11.8	53.2	41
9/24/2008 22:00	5	0.7	1.6	88	9.1	48.4	49
9/24/2008 23:00	-2	1.0	2.2	153	9.0	48.2	47
9/25/2008 0:00	-2	1.3	2.9	232	8.8	47.8	47
9/25/2008 1:00	10	2.1	4.7	205	10.9	51.6	39
9/25/2008 2:00	7	1.2	2.7	303	9.5	49.1	43
9/25/2008 3:00	-5	0.8	1.8	41	6.9	44.4	51
9/25/2008 4:00	11	0.9	2.0	80	8.0	46.4	45
9/25/2008 5:00	-2	1.8	4.0	174	7.6	45.7	46
9/25/2008 6:00	1	1.9	4.3	158	7.4	45.3	46
9/25/2008 7:00	18	1.2	2.7	359	4.2	39.6	64
9/25/2008 8:00	0	0.7	1.6	7	3.7	38.7	70
9/25/2008 9:00	12	0.7	1.6	36	6.5	43.7	64
9/25/2008 10:00	12	1.4	3.1	3	9.5	49.1	57
9/25/2008 11:00	11	0.9	2.0	350	12.2	54.0	47
9/25/2008 12:00	22	1.1	2.5	74	14.7	58.5	41
9/25/2008 13:00	6	1.7	3.8	4	15.8	60.4	40
9/25/2008 14:00	19	2.5	5.6	339	19.8	67.6	27
9/25/2008 15:00	7	4.7	10.5	213	22.8	73.0	20
9/25/2008 16:00	2	4.4	9.8	212	22.8	73.0	19
9/25/2008 17:00	7	1.6	3.6	358	19.7	67.5	29
9/25/2008 18:00	2	0.9	2.0	330	15.4	59.7	47
9/25/2008 19:00	5	0.6	1.3	286	10.0	50.0	66
9/25/2008 20:00	-1	1.1	2.5	267	6.9	44.4	72
9/25/2008 21:00	1	0.7	1.6	305	7.3	45.1	68
9/25/2008 22:00	11	0.8	1.8	296	7.9	46.2	66
9/25/2008 23:00	6	0.7	1.6	286	4.4	39.9	77
9/26/2008 0:00	14	0.7	1.6	180	3.6	38.5	80
9/26/2008 1:00	9	0.8	1.8	199	3.9	39.0	77
9/26/2008 2:00	11	0.7	1.6	174	2.1	35.8	83
9/26/2008 3:00	16	1.3	2.9	137	1.7	35.1	82
9/26/2008 4:00	19	1.1	2.5	187	2.2	36.0	81
9/26/2008 5:00	-1	0.6	1.3	134	0.3	32.5	87
9/26/2008 6:00	1	1.1	2.5	147	0.4	32.7	86
9/26/2008 7:00	24	0.9	2.0	152	0.2	32.4	86
9/26/2008 8:00	11	1.3	2.9	181	4.5	40.1	73
9/26/2008 9:00	20	1.8	4.0	189	9.2	48.6	60
9/26/2008 10:00	28	1.1	2.5	214	13.1	55.6	48
9/26/2008 11:00	10	1.3	2.9	92	14.6	58.3	47
9/26/2008 12:00	20	1.2	2.7	14	16.8	62.2	40
9/26/2008 13:00	18	1.3	2.9	25	18.9	66.0	34
9/26/2008 14:00	13	1.5	3.4	27	20.2	68.4	26
9/26/2008 15:00	11	1.3	2.9	43	21.9	71.4	22
9/26/2008 16:00	2	1.4	3.1	15	22.2	72.0	22
9/26/2008 17:00	1	1.6	3.6	352	20.4	68.7	31
9/26/2008 18:00	13	0.8	1.8	16	17.7	63.9	43
9/26/2008 19:00	6	0.6	1.3	303	10.4	50.7	68
9/26/2008 20:00	6	0.7	1.6	238	7.2	45.0	76
9/26/2008 21:00	13	0.7	1.6	140	6.4	43.5	79
9/26/2008 22:00	16	1.2	2.7	152	7.2	45.0	67
9/26/2008 23:00	10	1.2	2.7	153	5.9	42.6	69
9/27/2008 0:00	8	1.1	2.5	142	4.9	40.8	71
9/27/2008 1:00	7	1.1	2.5	196	4.7	40.5	68
9/27/2008 2:00	5	0.8	1.8	219	4.4	39.9	64
9/27/2008 3:00	14	0.8	1.8	210	1.8	35.2	80
9/27/2008 4:00	5	1.1	2.5	190	2.3	36.1	73
9/27/2008 5:00	-5	1.4	3.1	166	2.9	37.2	64
9/27/2008 6:00	9	2.3	5.1	191	4.2	39.6	57
9/27/2008 7:00	5	1.4	3.1	180	4.6	40.3	57
9/27/2008 8:00	10	1.6	3.6	192	6.6	43.9	52
9/27/2008 9:00	10	1.0	2.2	189	9.7	49.5	45
9/27/2008 10:00	11	2.5	5.6	191	15.9	60.6	29
9/27/2008 11:00	11	3.0	6.7	193	20.0	68.0	19
9/27/2008 12:00	4	3.4	7.6	198	21.8	71.2	17
9/27/2008 13:00	5	3.2	7.2	234	23.0	73.4	16
9/27/2008 14:00	14	4.1	9.2	284	24.1	75.4	15
9/27/2008 15:00	1	4.6	10.3	287	24.5	76.1	15
9/27/2008 16:00	7	4.8	10.7	295	23.8	74.8	16
9/27/2008 17:00	1	4.6	10.3	294	22.3	72.1	18
9/27/2008 18:00	-3	2.6	5.8	311	19.4	66.9	24
9/27/2008 19:00	7	1.8	4.0	318	14.2	57.6	35
9/27/2008 20:00	1	0.8	1.8	22	10.1	50.2	48
9/27/2008 21:00	11	0.9	2.0	68	11.3	52.3	42
9/27/2008 22:00	8	1.0	2.2	326	8.2	46.8	53
9/27/2008 23:00	10	1.1	2.5	321	5.8	42.4	61
9/28/2008 0:00	19	0.8	1.8	140	4.5	40.1	67
9/28/2008 1:00	14	0.8	1.8	120	2.7	36.9	73
9/28/2008 2:00	8	1.1	2.5	154	2.9	37.2	69
9/28/2008 3:00	12	1.4	3.1	153	2.7	36.9	66
9/28/2008 4:00	15	0.7	1.6	126	1.4	34.5	71
9/28/2008 5:00	-3	1.0	2.2	132	0.5	32.9	75

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
9/28/2008 6:00	-2	1.3	2.9	202	2.9	37.2	63
9/28/2008 7:00	12	0.8	1.8	7	1.8	35.2	71
9/28/2008 8:00	-3	0.9	2.0	208	2.7	36.9	70
9/28/2008 9:00	12	1.3	2.9	171	8.3	46.9	49
9/28/2008 10:00	21	1.1	2.5	71	12.0	53.6	40
9/28/2008 11:00	17	1.4	3.1	354	14.4	57.9	34
9/28/2008 12:00	12	1.2	2.7	352	16.8	62.2	29
9/28/2008 13:00	15	1.6	3.6	1	18.6	65.5	26
9/28/2008 14:00	15	1.7	3.8	355	19.8	67.6	AN
9/28/2008 15:00	3	1.9	4.3	354	20.9	69.6	AN
9/28/2008 16:00	13	2.2	4.9	348	20.6	69.1	AN
9/28/2008 17:00	6	1.7	3.8	350	20.2	68.4	22
9/28/2008 18:00	6	1.5	3.4	339	17.8	64.0	30
9/28/2008 19:00	2	0.7	1.6	289	10.2	50.4	55
9/28/2008 20:00	-5	0.6	1.3	246	6.2	43.2	65
9/28/2008 21:00	16	1.1	2.5	158	6.8	44.2	61
9/28/2008 22:00	5	1.3	2.9	151	6.1	43.0	59
9/28/2008 23:00	13	1.0	2.2	135	4.1	39.4	63
9/29/2008 0:00	6	1.3	2.9	167	3.7	38.7	62
9/29/2008 1:00	16	1.4	3.1	181	3.8	38.8	57
9/29/2008 2:00	13	1.6	3.6	195	3.7	38.7	56
9/29/2008 3:00	17	0.7	1.6	162	2.4	36.3	59
9/29/2008 4:00	22	1.0	2.2	138	1.7	35.1	63
9/29/2008 5:00	4	1.1	2.5	174	1.5	34.7	61
9/29/2008 6:00	8	0.8	1.8	183	0.2	32.4	67
9/29/2008 7:00	16	0.9	2.0	182	0.3	32.5	65
9/29/2008 8:00	6	1.0	2.2	198	3.7	38.7	56
9/29/2008 9:00	14	1.2	2.7	139	7.9	46.2	48
9/29/2008 10:00	26	1.0	2.2	115	11.9	53.4	36
9/29/2008 11:00	26	1.0	2.2	190	15.6	60.1	26
9/29/2008 12:00	12	1.2	2.7	18	17.3	63.1	25
9/29/2008 13:00	9	1.3	2.9	4	19.4	66.9	22
9/29/2008 14:00	12	1.3	2.9	8	21.2	70.2	21
9/29/2008 15:00	5	1.4	3.1	2	22.6	72.7	AN
9/29/2008 16:00	15	1.7	3.8	349	23.5	74.3	17
9/29/2008 17:00	1	1.2	2.7	357	23.5	74.3	19
9/29/2008 18:00	15	0.5	1.1	16	21.2	70.2	27
9/29/2008 19:00	-5	0.5	1.1	262	11.8	53.2	56
9/29/2008 20:00	-5	0.8	1.8	132	9.0	48.2	61
9/29/2008 21:00	8	1.1	2.5	134	8.3	46.9	56
9/29/2008 22:00	1	1.4	3.1	154	7.1	44.8	56
9/29/2008 23:00	6	1.1	2.5	164	6.2	43.2	60
9/30/2008 0:00	11	1.5	3.4	194	6.8	44.2	57
9/30/2008 1:00	3	1.2	2.7	165	5.8	42.4	60
9/30/2008 2:00	12	1.2	2.7	194	5.2	41.4	60
9/30/2008 3:00	13	1.5	3.4	189	4.9	40.8	61
9/30/2008 4:00	10	1.9	4.3	188	5.4	41.7	58
9/30/2008 5:00	11	0.9	2.0	144	4.5	40.1	61
9/30/2008 6:00	12	1.2	2.7	160	3.6	38.5	63
9/30/2008 7:00	10	1.3	2.9	172	3.6	38.5	62
9/30/2008 8:00	13	1.2	2.7	131	6.0	42.8	60
9/30/2008 9:00	14	1.1	2.5	97	10.5	50.9	48
9/30/2008 10:00	18	1.0	2.2	22	14.0	57.2	40
9/30/2008 11:00	16	1.1	2.5	31	17.4	63.3	32
9/30/2008 12:00	14	1.4	3.1	12	20.2	68.4	28
9/30/2008 13:00	18	1.4	3.1	10	22.4	72.3	26
9/30/2008 14:00	14	1.7	3.8	4	23.6	74.5	23
9/30/2008 15:00	16	1.7	3.8	355	25.8	78.4	18
9/30/2008 16:00	18	1.5	3.4	357	26.8	80.2	18
9/30/2008 17:00	4	1.6	3.6	349	26.0	78.8	19
9/30/2008 18:00	11	0.9	2.0	317	22.2	72.0	30
9/30/2008 19:00	-5	0.8	1.8	279	12.8	55.0	56
9/30/2008 20:00	-1	0.7	1.6	115	10.3	50.5	59
9/30/2008 21:00	2	1.4	3.1	155	10.4	50.7	51
9/30/2008 22:00	13	1.5	3.4	146	9.3	48.7	53
9/30/2008 23:00	4	1.3	2.9	158	8.9	48.0	52
10/1/2008 0:00	12	1.5	3.4	193	9.1	48.4	47

AN = Instrument malfunction
BA = Routine maintenance / repairs